


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Jenkins 3-14C4				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT NORTH MYTON BENCH				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.						7. OPERATOR PHONE 713 997-5038				
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002						9. OPERATOR E-MAIL maria.gomez@epenergy.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Robert E. & Deanetta L. Jenkins						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 5251 Cyclamenway, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		2351 FSL 1576 FWL		NESW	14	3.0 S	4.0 W	U		
Top of Uppermost Producing Zone		2351 FSL 1576 FWL		NESW	14	3.0 S	4.0 W	U		
At Total Depth		2351 FSL 1576 FWL		NESW	14	3.0 S	4.0 W	U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1576			23. NUMBER OF ACRES IN DRILLING UNIT 640				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2000			26. PROPOSED DEPTH MD: 12300 TVD: 12300				
27. ELEVATION - GROUND LEVEL 5921			28. BOND NUMBER 400JU0708			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Duchesne City				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	9.625	0 - 2100	40.0	N-80 LT&C	0.0	Type V	444	2.37	12.0
							Class G	194	1.3	14.3
I1	8.75	7	0 - 9100	29.0	HCP-110 LT&C	10.4	Class G	413	2.32	12.0
							Class G	304	1.64	13.0
L1	6.125	5	8900 - 12300	18.0	HCP-110 LT&C	13.7	Class G	202	14.2	1.47
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Maria S. Gomez				TITLE Principal Regulatory Analyst			PHONE 713 997-5038			
SIGNATURE				DATE 12/16/2014			EMAIL maria.gomez@epenergy.com			
API NUMBER ASSIGNED 43013532530000				APPROVAL  Permit Manager						

**Jenkins 3-14C4
Sec. 14, T3S, R4W
DUCHESE COUNTY, UT**

EP ENERGY E&P COMPANY, L.P.

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	4,228' TVD
Green River (GRTN1)	4,965' TVD
Mahogany Bench	5,873' TVD
L. Green River	7,188' TVD
Wasatch	9,013' TVD
T.D. (Permit)	12,300' TVD

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	4,228' MD/TVD
	Green River (GRTN1)	4,965' MD/TVD
	Mahogany Bench	5,873' MD/TVD
Oil	L. Green River	7,188' MD/TVD
Oil	Wasatch	9,013' MD/TVD

3. Pressure Control Equipment: (Schematic Attached)

A Diverter Stack on structural pipe from 60' MD/TVD to 2,100' MD/TVD. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams used from 2,100' MD/TVD to 9,100' MD/TVD. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from 9,100' MD/TVD to TD (12,300' MD/TVD).

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

This well is in surrounded by many wells we have drilled this year. We have pre-set 9-5/8" to around this same depth on many wells with no issues. I have a great handle on MW's & what we should expect in this area.

There are 0 SWD wells within 4 miles of our location.

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock and floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test / 4,000 psi high test. The 10M BOP will be installed with rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from surface shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Precision # 404 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

Auxiliary Equipment:

- A) Pason Gas Monitoring 2,100' - TD
- B) Mud logger with gas monitor – 2,100' to TD
- C) Choke manifold with one manual and one hydraulic operated choke
- D) Full opening floor valve with drill pipe thread
- E) Upper and lower Kelly cock
- F) Shaker, de-sander and centrifuge

4. Proposed Casing & Cementing Program:

Please refer to the attached Wellbore Diagram.

All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations for intermediate and production hole will be based on minimum 10% excess over gauge hole volumes. Actual volumes pumped will be a minimum of 10% excess over caliper volume to designed tops of cement for any section logged. A minimum of 50% excess over gauge volume will be pumped on surface casing.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	Air	Air
Intermediate	WBM	9.2 – 10.4
Production	WBM	11.0 – 13.7

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 2,100' MD/TVD – TD

Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from surface casing shoe to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 12,300' TVD equals approximately 8,763 psi. This is calculated based on a 0.7124 psi/ft gradient (13.7 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 6,057 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 9,100' TVD = 7,280 psi

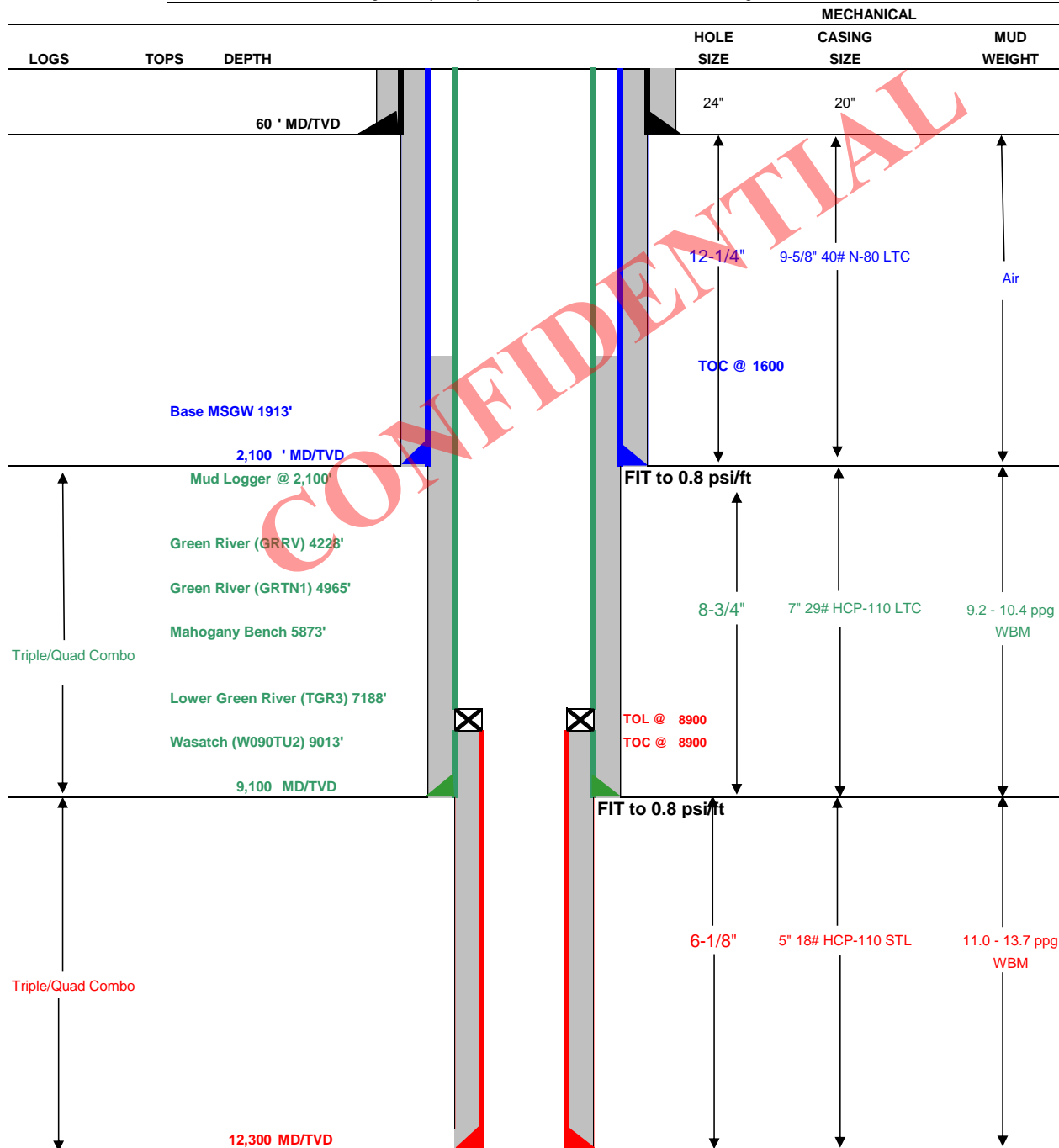
BOPE and casing design will be based on the lesser of the two MASPs which is 6,057 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**



Drilling Schematic

Company Name: EP ENERGY	Date: December 15, 2014
Well Name: Jenkins 3-14C4	TD: 12,300
Field, County, State: Altamont, Duchesne, Utah	AFE #: TBD
Surface Location: Sec 14 T3S R4W 2351' FSL 1576' FWL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation: 5920.5
Rig: Precision 404	Spud (est.): TBD
BOPE Info: Diverter Stack on structural pipe from 60' to 2,100' . 11 10M BOPE w/ rotating head & 5M annular from 2,100' to 9,100' . 11 10M BOPE w/ rotating head, spacer spool, 5M annular, flex rams, blind rams, single w/ flex rams from 9,100' to TD	



DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
SURFACE	9-5/8"	0	2100	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	9100	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5'	8900	12300	18.00	HCP-110	STL	13,940	15,450	341

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	Lead	1,600	EXTENDACEM SYSTEM: Type V Cement + 20% Enhancer 923 + 2% Cal-Seal 60 + 0.35% Versaset + 0.3% D-Air 5000 + 6% Salt + 2.5% Econolite + 0.125 Poly-E-Flake	444	100%	12.0 ppg	2.37
	Tail	500	HALCEM SYSTEM: Class G Cement + 3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.3% D-AIR 5000	194	50%	14.3 ppg	1.30
INTERMEDIATE	Lead	5,000	EXTENDACEM SYSTEM: Class G Cement + 10% Bentonite + 0.1% SA-1015 + 0.2% Econolite + 0.2% Halad-322 + 3 lbm/sk Silicalite Compacted + 1 lbm/sk Granulite TR 1/4 + 0.25 lbm/sk Poly-E-Flake + 5 lbm/sk Kol-Seal + 1% HR-5	413	30%	12.0 ppg	2.32
	Tail	2,500	EXPANDACEM SYSTEM: Class G Cement + 4% Bentonite + 0.25 Poly-E-Flake + 0.1% Halad-413 + 5 lb/sk Silicalite Compacted + 0.15% SA-1015 + 0.3% HR-5	304	30%	13.0 ppg	1.64
PRODUCTION LINER		3,400	EXTENDACEM SYSTEM: Class G Cement + 0.2% Super CBL + 0.55% SCR-100 + 0.3% Halad-413 + 0.125 lbm/sk Poly-E-Flake + 3 lbm/sk Silicalite Compacted + 20% SS-200 + 0.10% SA-1015	202	25%	14.20	1.47

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	PDC drillable float shoe, 1 joint casing, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at +/- 7,150'.
LINER	Float shoe, 1 joint, float collar, 1 joint, landing collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Brad MacAfee 713-997-6383

MANAGER: Bob Dodd

EP ENERGY E&P COMPANY, L.P.
JENKINS 3-14C4
SECTION 14, T3S, R4W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 3.54 MILES TO AN INTERSECTION;

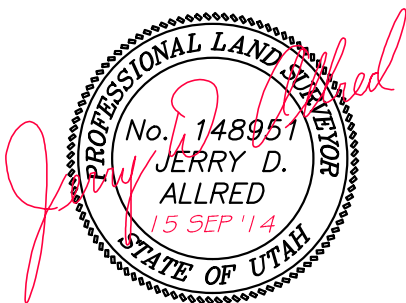
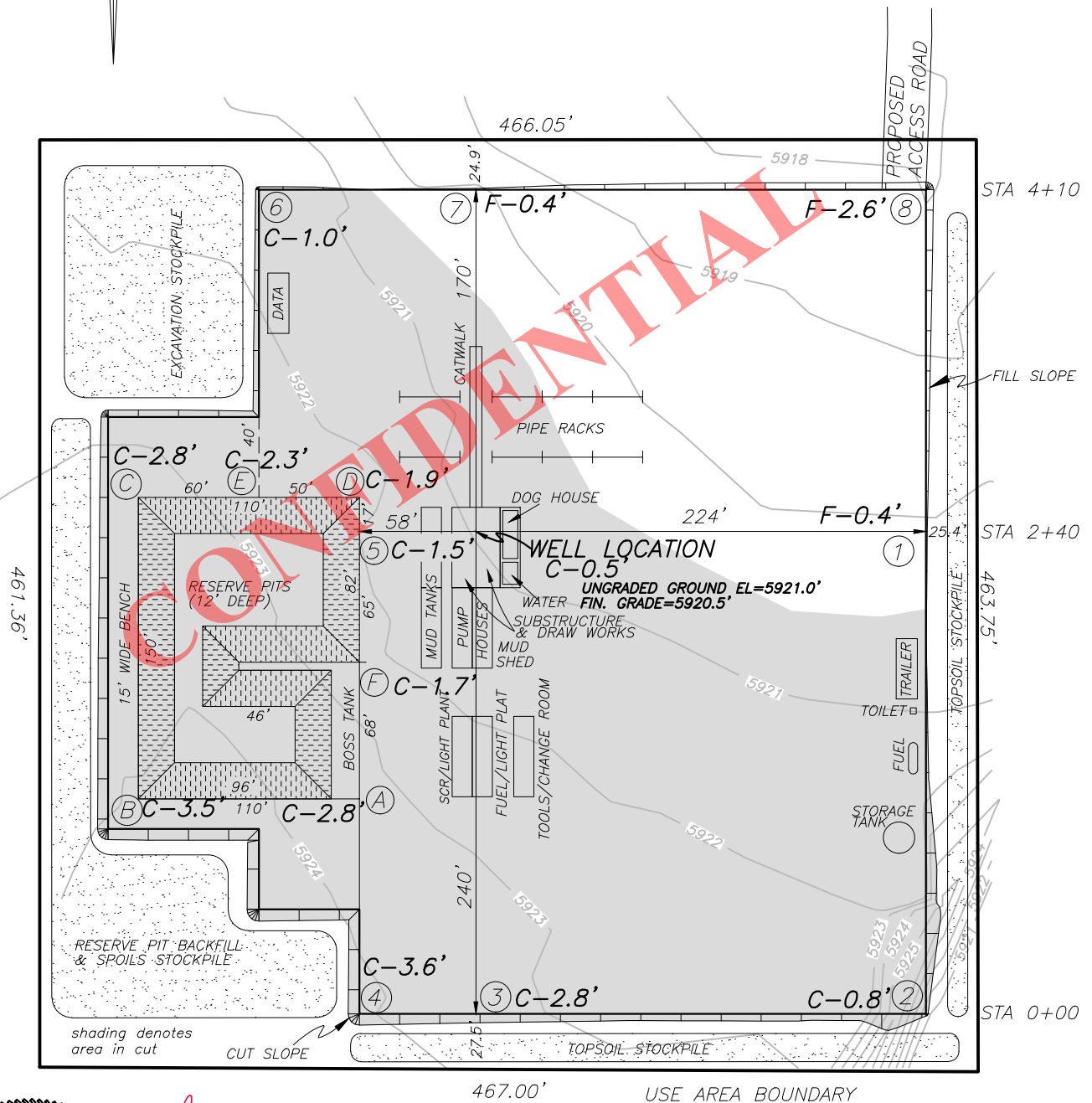
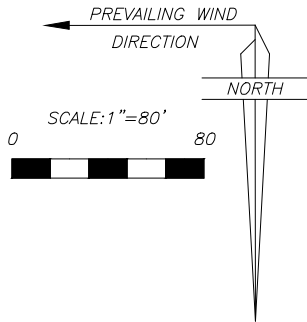
TURN RIGHT AND TRAVEL EAST ON GRAVEL COUNTY ROAD 3.87 MILES TO AN INTERSECTION;

CONTINUE THROUGH INTERSECTION AND TRAVEL EAST ON COUNTY D ROAD 0.52 MILES TO THE BEGINNING OF THE ACCESS ROAD;

TURN LEFT AND FOLLOW ROAD FLAGS NORTHERLY 0.40 MILES TO THE PROPOSED LOCATION;

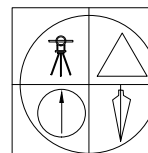
TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 8.33MILES.

CONFIDENTIAL

EP ENERGY E&P COMPANY, L.P.**LOCATION LAYOUT FOR
JENKINS 3-14C4**SECTION 14, T3S, R4W, U.S.B.&M.
2351 FSL, 1576' FWL**FIGURE #1**

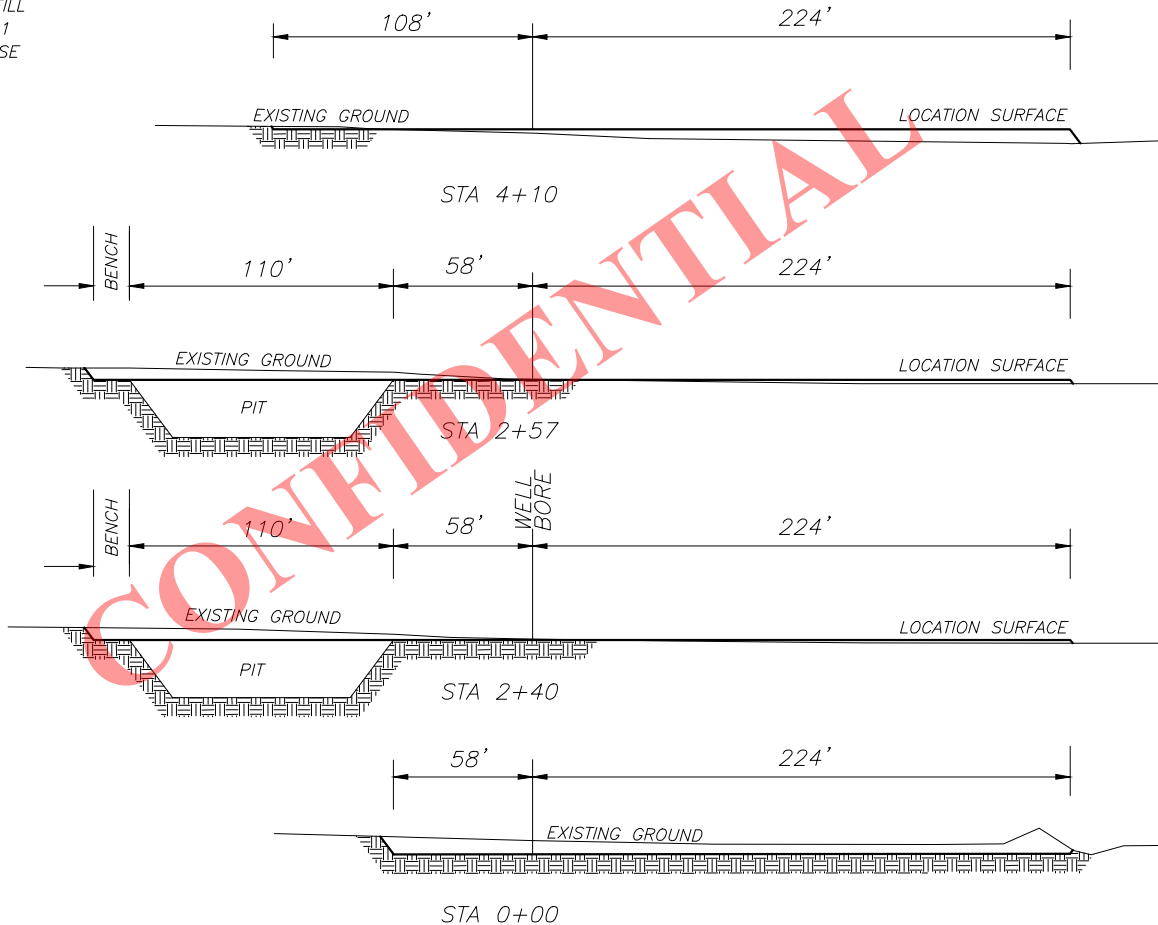
15 SEP 2014

01-128-496

**JERRY D. ALLRED & ASSOCIATES**
SURVEYING CONSULTANTS1235 NORTH 700 EAST--P.O. BOX 975
DUCHESTER, UTAH 84021
(435) 738-5352**RECEIVED:** December 16, 2014

EP ENERGY E&P COMPANY, L.P.**LOCATION LAYOUT FOR
JENKINS 3-14C4****SECTION 14, T3S, R4W, U.S.B.&M.
2351 FSL, 1576' FWL****FIGURE #2**X-SECTION
SCALE
1"=40'

1"=80'

NOTE: ALL CUT/FILL
SLOPES ARE 1½:1
UNLESS OTHERWISE
NOTED

APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 12,800 CU. YDS.

PIT CUT = 4955 CU. YDS.

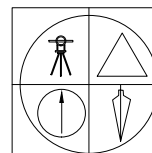
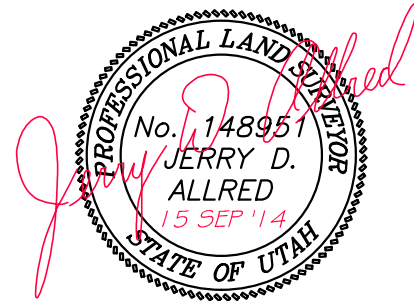
TOPSOIL STRIPPING: (6") = 2758 CU. YDS.

REMAINING LOCATION CUT = 5087 CU. YDS

TOTAL FILL = 2068 CU. YDS.

LOCATION SURFACE GRAVEL=1548 CU. YDS. (4" DEEP)

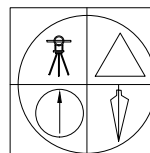
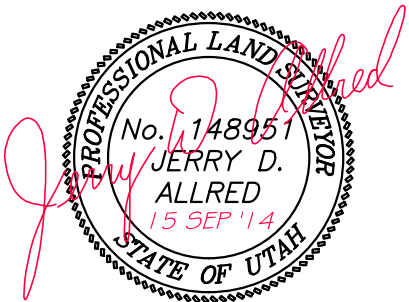
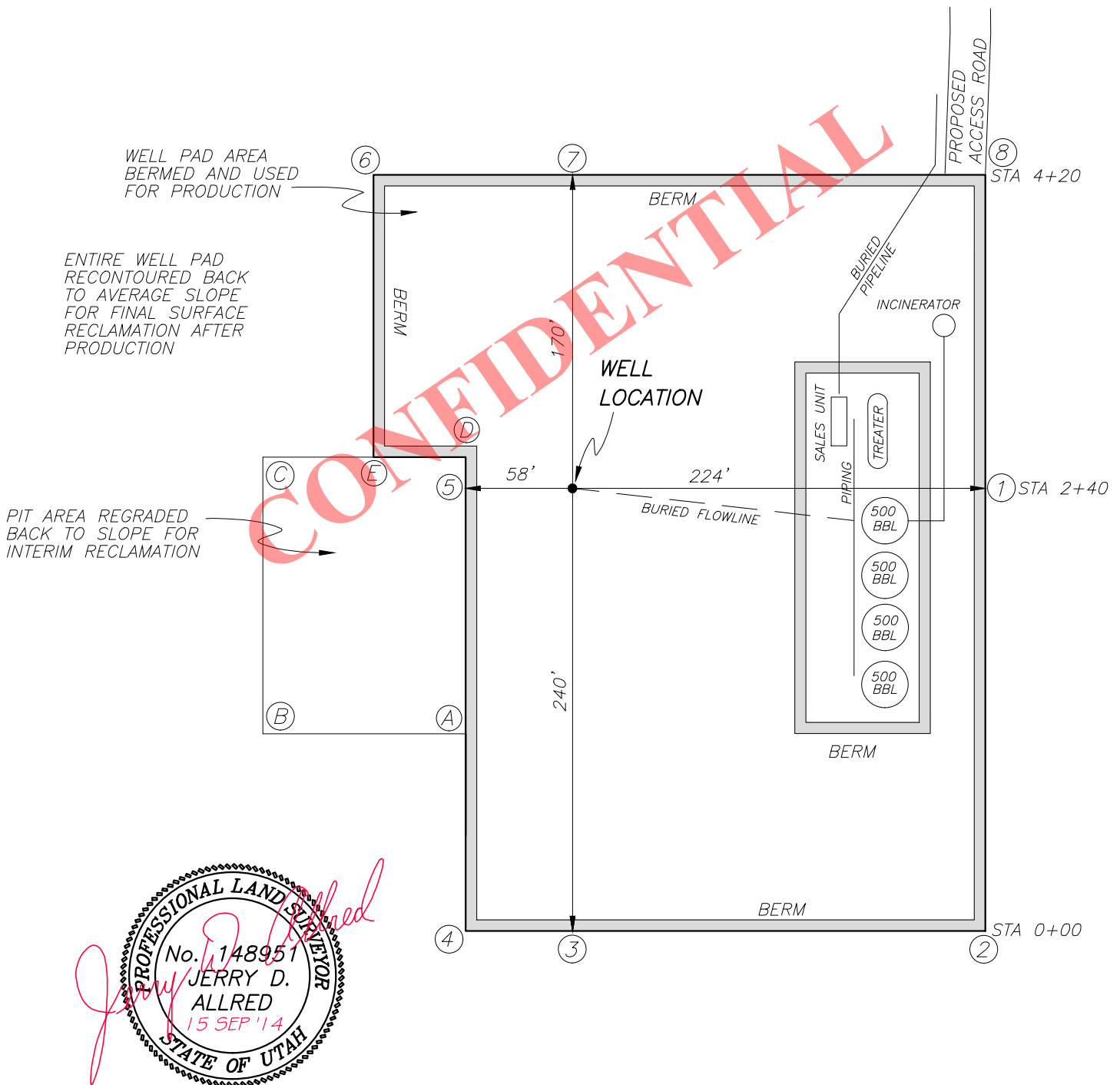
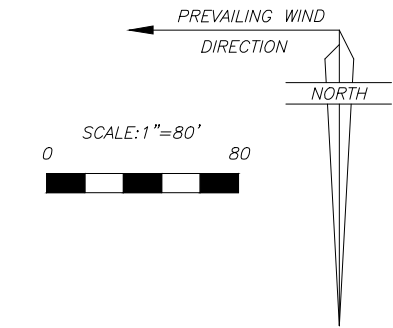
ACCESS ROAD GRAVEL=568 CU. YDS.

**JERRY D. ALLRED & ASSOCIATES**
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DUCHESNE, UTAH 84021
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EP ENERGY E&P COMPANY, L.P.**LOCATION LAYOUT FOR
JENKINS 3-14C4**SECTION 14, T3S, R4W, U.S.B.&M.
2351 FSL, 1576' FWL**FIGURE #3****JERRY D. ALLRED & ASSOCIATES**
SURVEYING CONSULTANTS1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
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SW1/4 OF SECTION 14, TOWNSHIP 3 SOUTH, RANGE 4 WEST
UINTAH SPECIAL BASE AND MERIDIAN
DUCHESNE COUNTY, UTAH

ROBERT E. & DEANETTA L. JENKINS

Beginning at the Northwest Corner of the NE1/4 of the SW1/4 of Section 14, Township 3 South, Range 4 West of the Uintah Special Base and Meridian;
Thence South 89°41'04" East 467.00 feet along the North line of said aliquot part;
Thence South 00°01'22" West 461.36 feet;
Thence North 89°58'38" West 466.05 feet to the West line of said aliquot part;
Thence North 00°05'36" West 463.75 feet to the POINT OF BEGINNING, containing 4.95 acres.

A 66 feet wide right-of-way over a portion of Section 14, Township 3 South, Range 4 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows;

Commencing at the West Quarter Corner of said Section 14;

Thence South 70°54'32" East 1440.26 feet to the TRUE POINT OF BEGINNING, said point being on the South line of the EP Energy E&P Company, L.P. JENKINS 3-14C4 well location use area boundary;

Thence South 00°05'36" East 845.60 feet;

Thence South 00°07'58" East 1266.62 feet to the North right-of-way line of an existing road.

Said right-of-way being 2112.22 feet in length with the side lines being shortened or elongated to intersect said use area boundary and said right-of-way line.

This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT (SECTION CORNER) LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19760"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

*Jerry D. Allred, Professional Land Surveyor,
Certificate 148951 (Utah)*

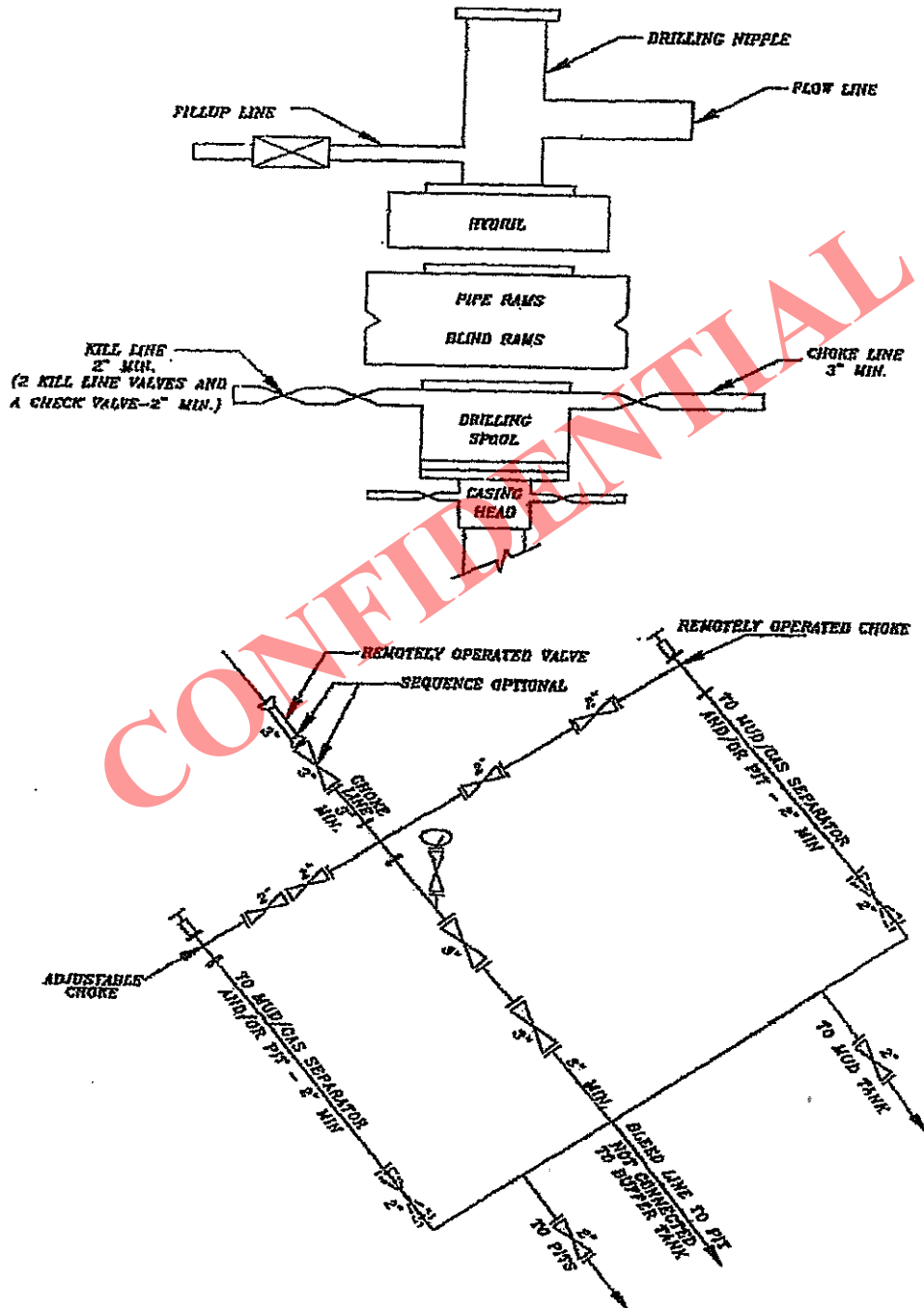
JERRY D. ALLRED AND ASSOCIATES
SURVEYING CONSULTANTS

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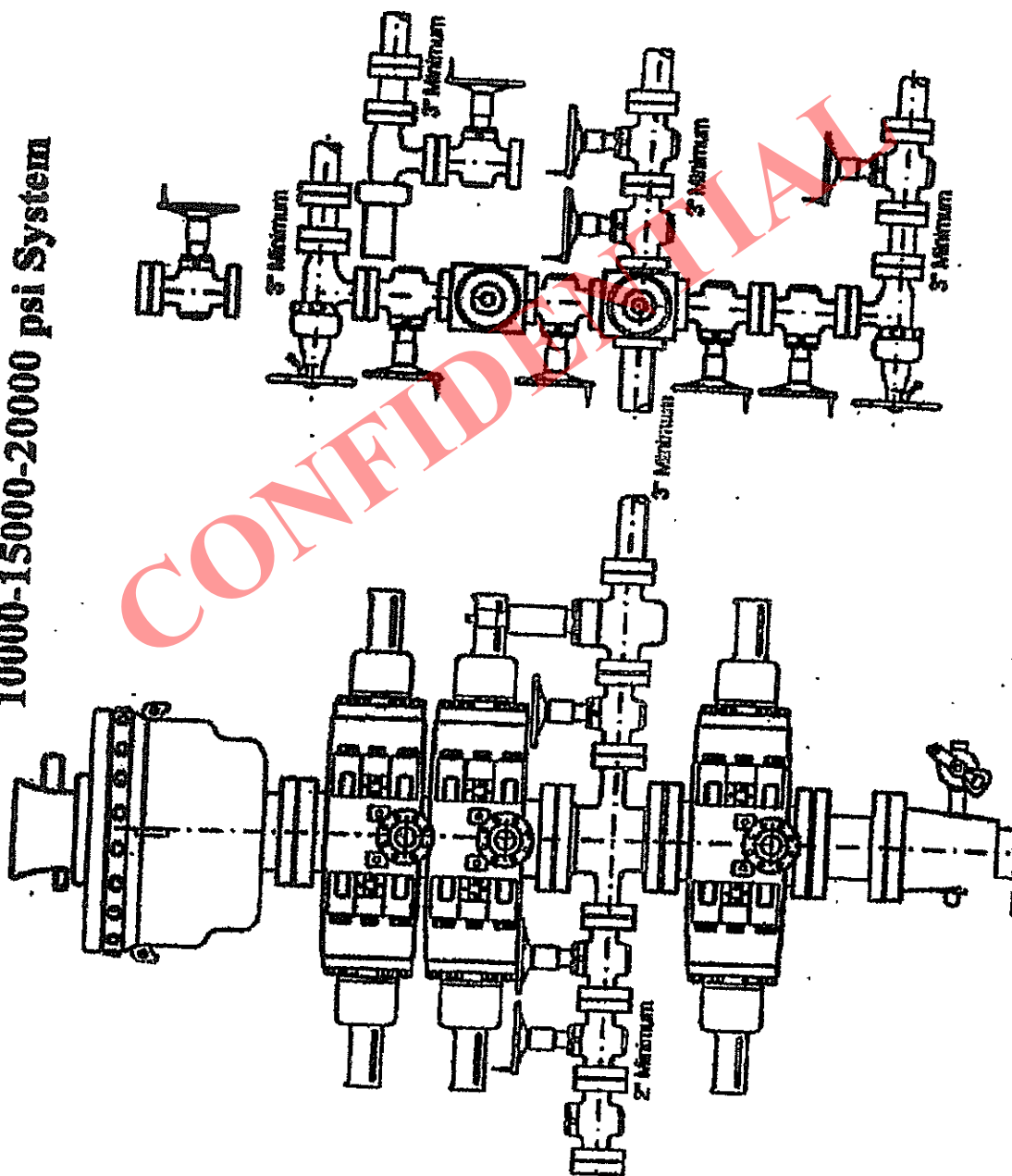
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5M BOP STACK and CHOKE MANIFOLD SYSTEM

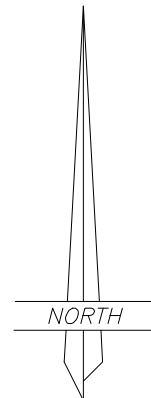
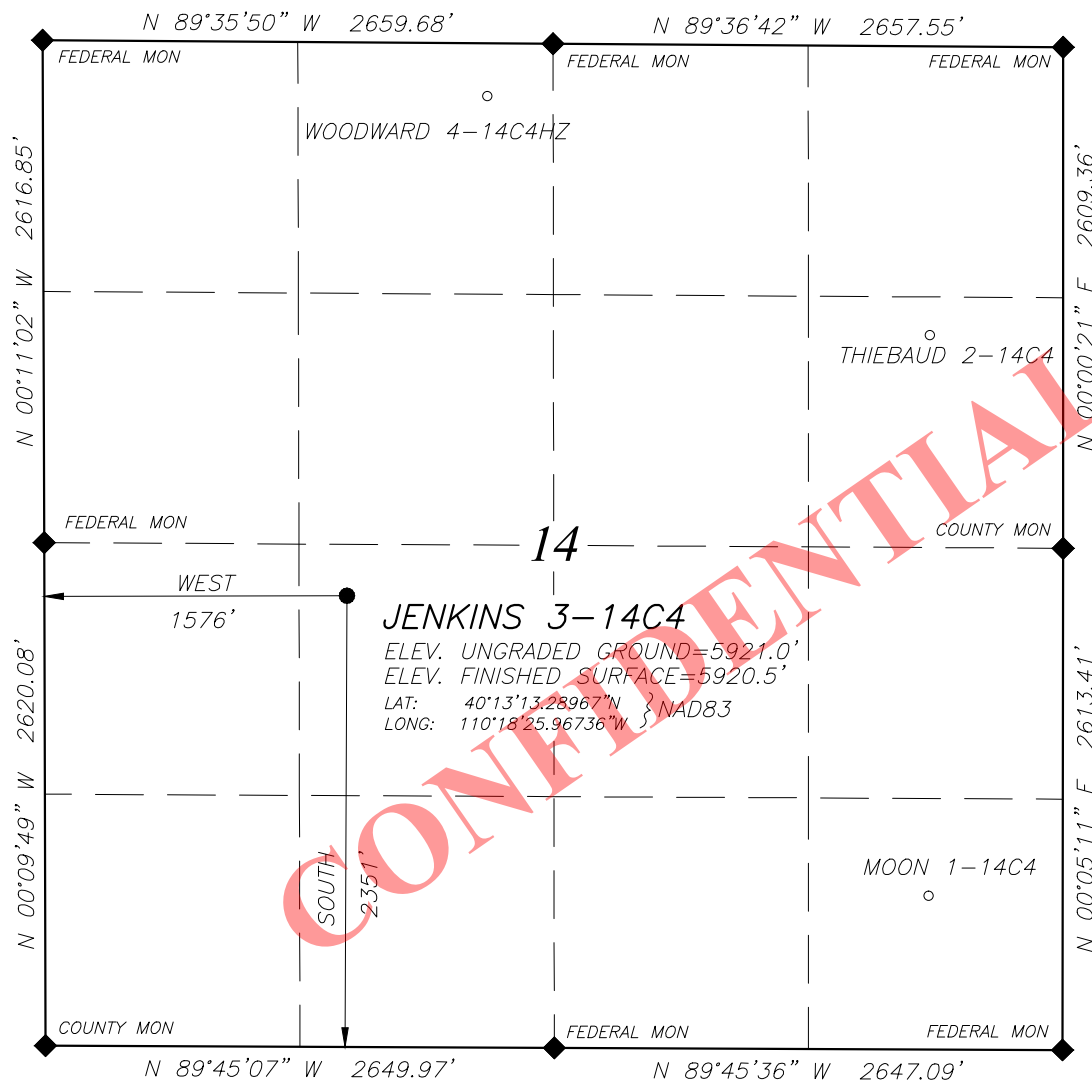


10000-15000-20000 psi System



EP ENERGY E&P COMPANY, L.P.**WELL LOCATION****JENKINS 3-14C4**

LOCATED IN THE NE¼ OF THE SW¼ OF
SECTION 14, T3S, R4W, U.S.B.&M.
DUCHESNE COUNTY, UTAH



SCALE: 1"=1000'



NOTE:
NAD27 VALUES FOR
WELL POSITION:
LAT: 40.22040082° N
LONG: 110.30650281° W

LEGEND AND NOTES

- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

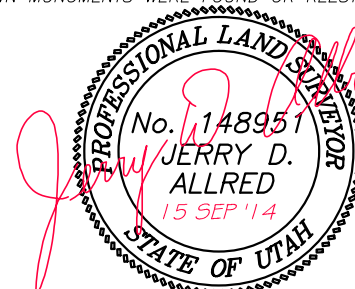
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A SECTION CORNER LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19760"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

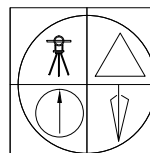
BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.



JERRY D. ALLRED, REGISTERED LAND SURVEYOR,
CERTIFICATE NO. 148951 (UTAH)



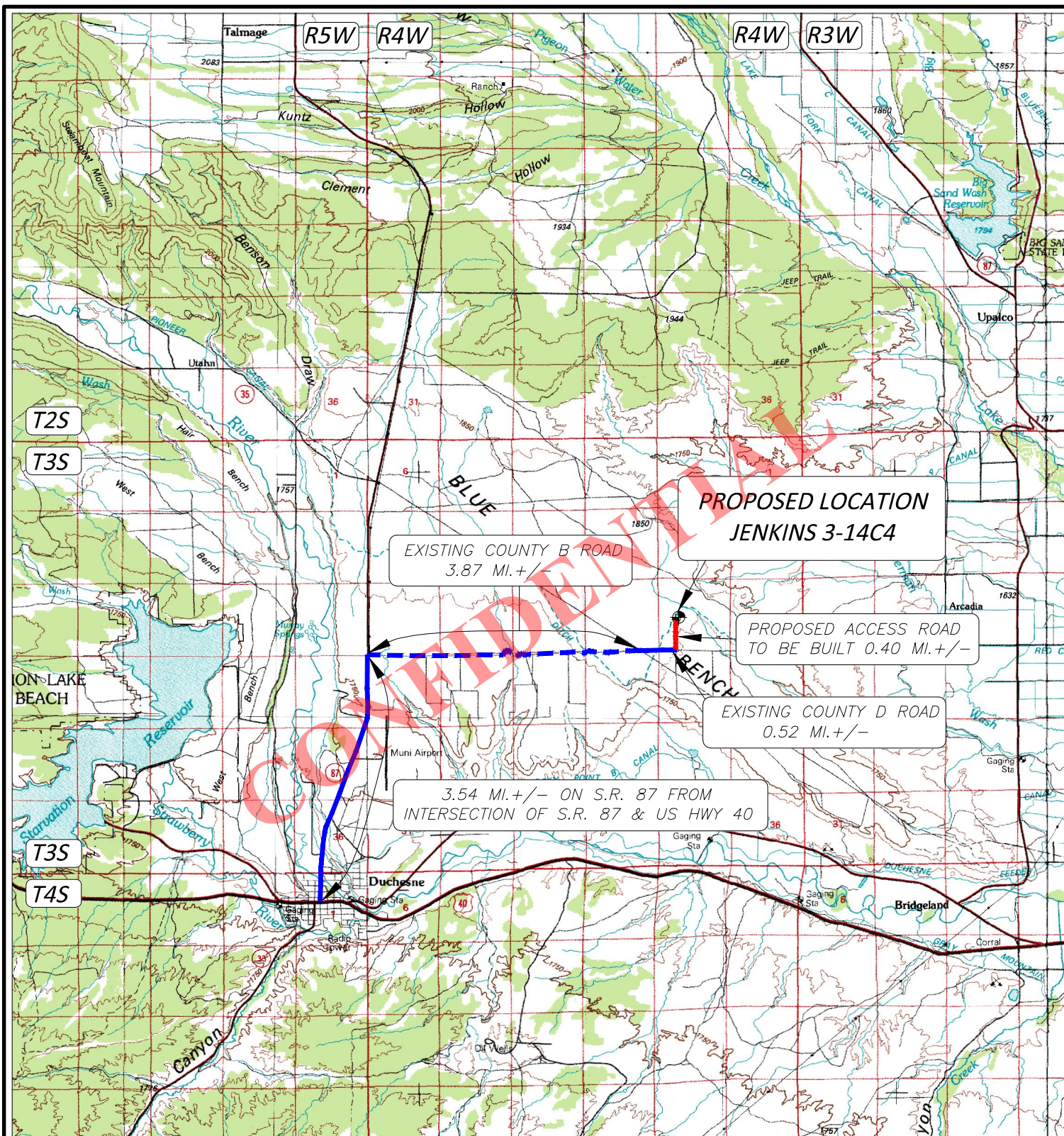
JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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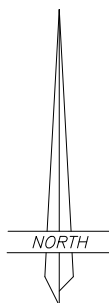
**LEGEND:**

● PROPOSED WELL LOCATION

01-128-496

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHESTER, UTAH 84021
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**EP ENERGY E&P COMPANY, L.P.**

JENKINS 3-14C4

SECTION 14, T3S, R4W, U.S.B.&M.

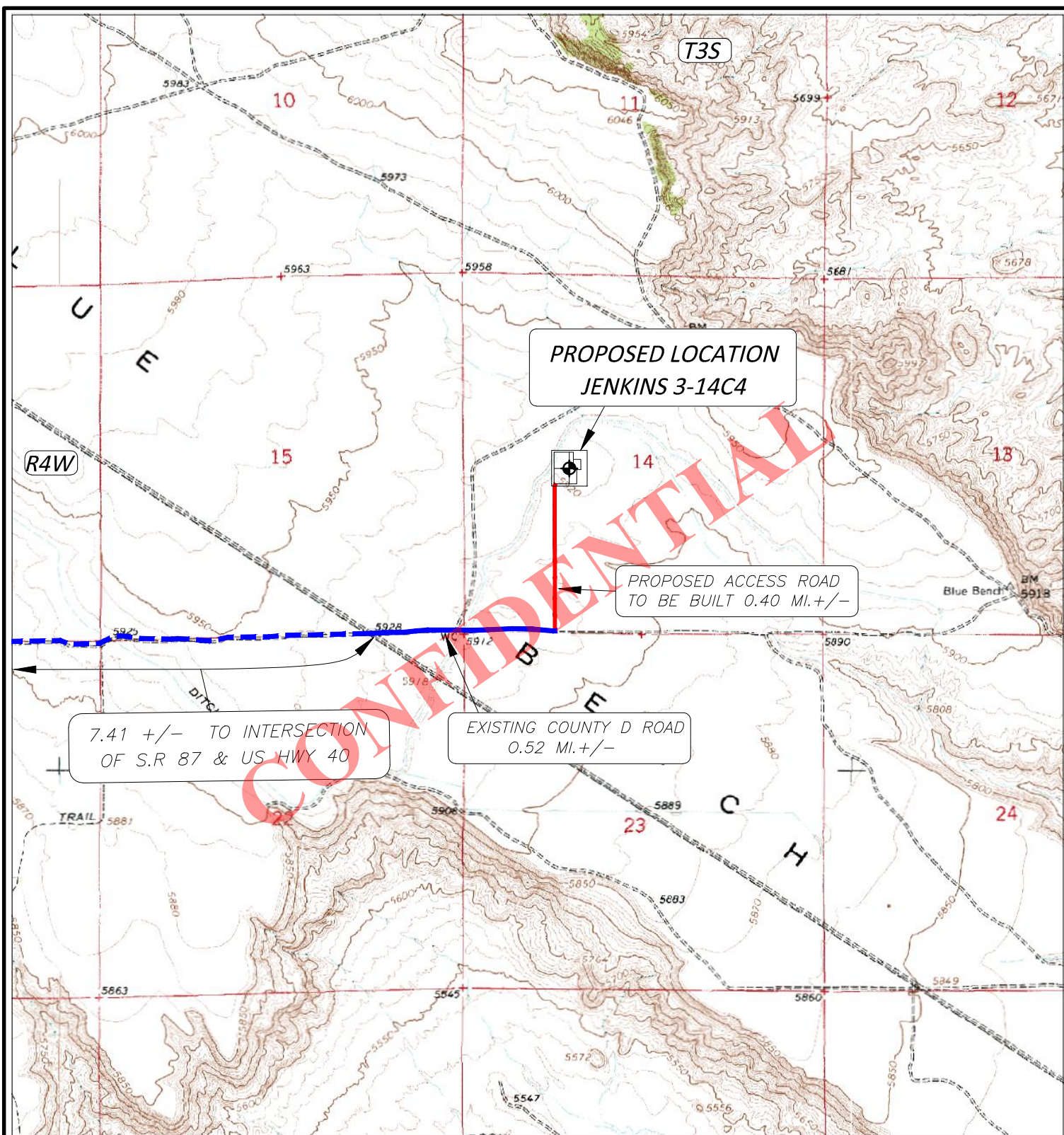
2351 FSL 1576 FWL

TOPOGRAPHIC MAP "A"

SCALE: 1"=10,000'

23 SEP 2014

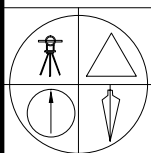
RECEIVED: December 16, 2014



LEGEND:

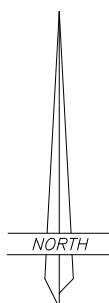
- PROPOSED WELL LOCATION
- PROPOSED ACCESS ROAD
- EXISTING GRAVEL ROAD
- EXISTING DIRT ROAD

01-128-496



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHESE, UTAH 84021
(435) 738-5352

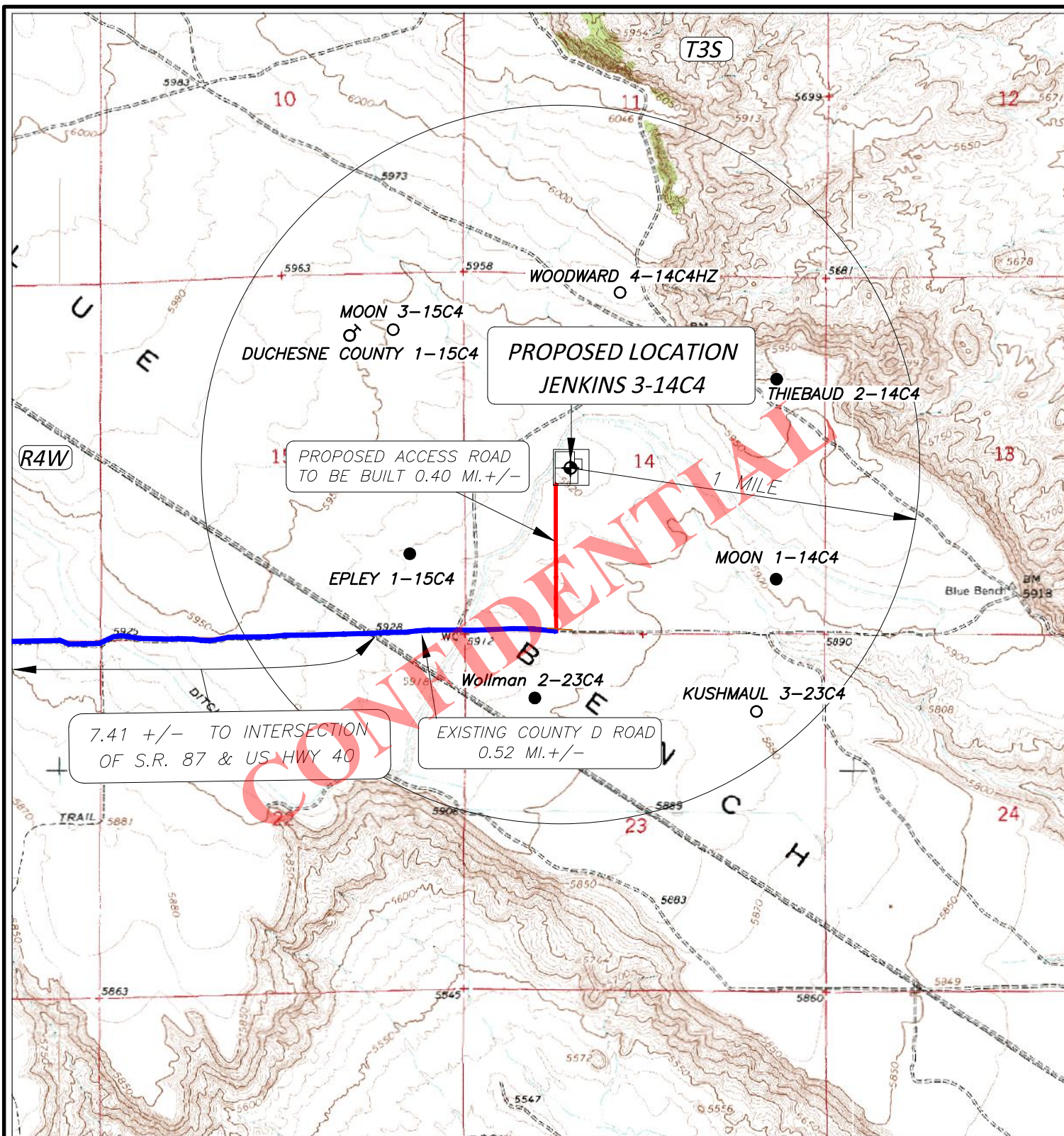


EP ENERGY E&P COMPANY, L.P.

JENKINS 3-14C4
SECTION 14, T3S, R4W, U.S.B.&M.
2351' FSL 1576' FWL

TOPOGRAPHIC MAP "B"

SCALE: 1"=2000'
23 SEP 2014



AFFIDAVIT OF SURFACE USE AGREEMENT

Allyson Johnstone personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Allyson Johnstone. I am a Landman for EP Energy E&P Company, L.P., whose address is 1001 Louisiana St., Houston, Texas 77002 ("EP Energy").
2. EP Energy is the operator of the proposed **Jenkins 3-14C4** well (the "Well") to be located in the **SW 1/4** of Section **14**, Township **3 South**, Range **4 West**, U.S.B.&M., Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is **Robert E. Jenkins and Deanetta L. Jenkins**, husband and wife, a Joint Tenancy, whose mailing address is **5251 Cyclamen Way, West Jordan, Utah 84081** (the "Surface Owner"). The Surface Owner's telephone number is **(435) 630-1857**.
3. EP Energy and the Surface Owner have entered into a Surface Use Agreement dated **September 18, 2014** to cover any and all injuries or damages of every character and description sustained by the Surface Owner or Surface Owner's property as a result of operations associated with the drilling of the Well.

FURTHER AFFIANT SAYETH NOT.


Allyson Johnstone

ACKNOWLEDGMENT

STATE OF TEXAS

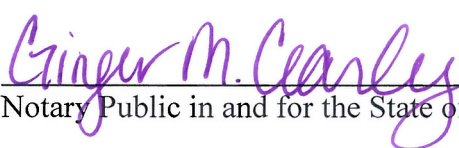
§

§

COUNTY OF HARRIS

§

Sworn to and subscribed before me on this 17th day of October, 2014, by Allyson Johnstone, as a Landman for EP Energy E&P Company, L.P., a Delaware limited partnership.


Notary Public in and for the State of Texas

My Commission Expires:

8/2/2018



EP Energy E&P Company, L.P.

Related Surface Information

1. **Current Surface Use:**

- Livestock Grazing and Oil and Gas Production.

2. **Proposed Surface Disturbance:**

- The road will be crown and ditch. Water wings will be constructed on the access road as needed.
- The topsoil will be windrowed and re-spread in the borrow area.
- New road to be constructed will be approximately .40 miles in length and 66 feet wide.
- All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3. **Location Of Existing Wells:**

- Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

4. **Location And Type Of Drilling Water Supply:**

- Drilling water: Duchesne City Water

5. **Existing/Proposed Facilities For Productive Well:**

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor .40 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. **Construction Materials:**

- Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

7. **Methods For Handling Waste Disposal:**

- The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
- Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
- Sewage will be handled in Portable Toilets.
- Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
- Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's

8. **Ancillary Facilities:**

- There will be no ancillary facilities associated with this project.

9. **Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
 1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
 2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
 3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.
 1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
 2. Landowner will be contacted for rehabilitation requirements.

10. **Surface Ownership:**

Robert E. Deanetta L. Jenkins
5251 Cyclamenway
West Jordan, UT 84081

Other Information:

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

• **Operator and Contact Persons:**

Construction and Reclamation:

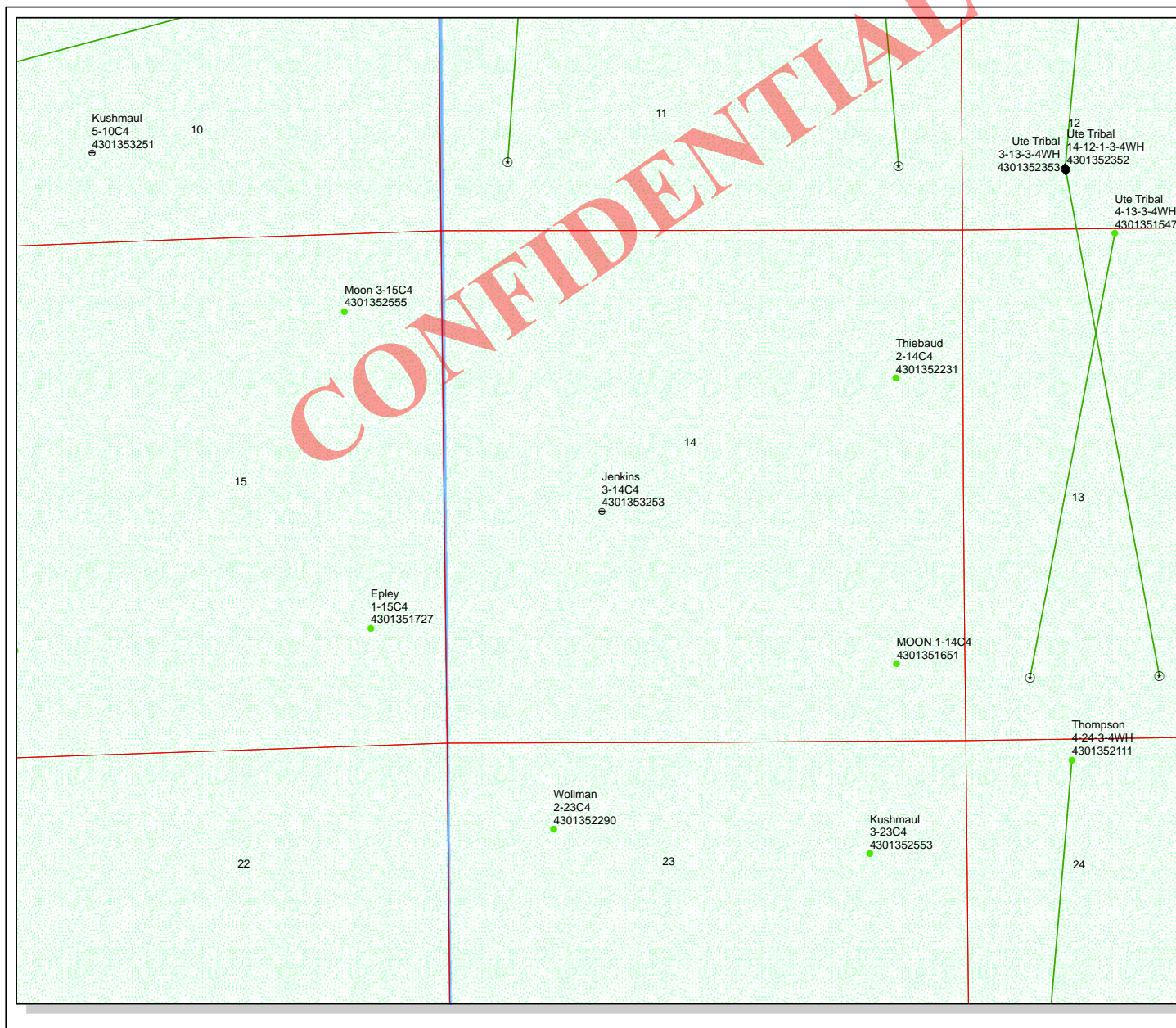
EP Energy E&P Company, L.P.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD

EP Energy E&P Company, L.P.
Maria S. Gomez
1001 Louisiana, Rm 2730D
Houston, Texas 77002
713-997-5038 – Office

Drilling

EP Energy E&P Company, L.P.
Brad MacAfee – Drilling Engineer
1001 Louisiana, Rm 2660D
Houston, Texas 77002
713-997-6383 – office
281-813-0902 – Cell



API Number: 4301353253

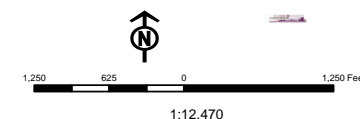
Well Name: Jenkins 3-14C4

Township: T03.0S Range: R04.0W Section: 14 Meridian: U

Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared: 12/18/2014
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GIW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERM	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned			
TW - Test Well			
WDW - Water Disposal			
WW - Water Injection Well			
WSW - Water Supply Well			
		Fields	
		STATUS	
		Unknown	
		ABANDONED	
		ACTIVE	
		COMBINED	
		INACTIVE	
		STORAGE	
		TERMINATED	



Well Name	EP ENERGY E&P COMPANY, L.P. Jenkins 3-14C4 43013532530000			
String	Surf	I1	L1	
Casing Size(in)	9.625	7.000	5.000	
Setting Depth (TVD)	2100	9100	12300	
Previous Shoe Setting Depth (TVD)	0	2100	9100	
Max Mud Weight (ppg)	8.8	10.4	13.7	
BOPE Proposed (psi)	500	10000	10000	
Casing Internal Yield (psi)	5750	11220	13940	
Operators Max Anticipated Pressure (psi)	8763		13.7	

Calculations	Surf String	9.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	961		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	709	NO	diverter stack
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	499	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	499	NO	OK
Required Casing/BOPE Test Pressure=		2100	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient	

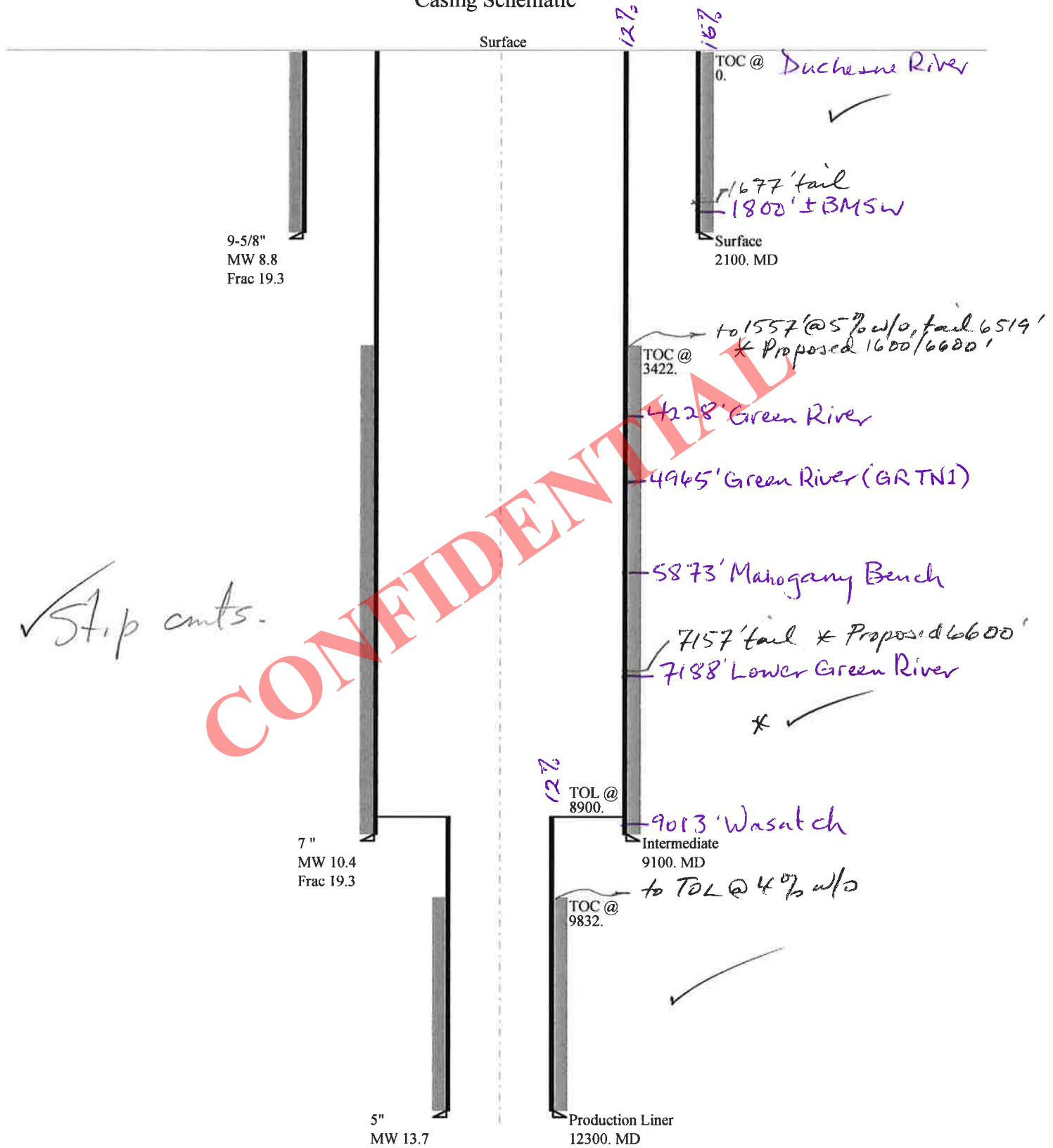
Calculations	I1 String	7.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	4921		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3829	YES	10M BOPE w/rotating head, 5M annular, spacer spool,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2919	YES	dbl rams, single w/lex rams
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3381	NO	OK
Required Casing/BOPE Test Pressure=		7854	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		2100	psi *Assumes 1psi/ft frac gradient	

Calculations	L1 String	5.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	8763		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	7287	YES	10M BOPE w/rotating head, 5M annular, spacer spool,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	6057	YES	dbl rams, single w/lex rams
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8059	YES	OK
Required Casing/BOPE Test Pressure=		9758	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		9100	psi *Assumes 1psi/ft frac gradient	

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient	

43013532530000 Jenkins 3-14C4

Casing Schematic



Well name:	43013532530000 Jenkins 3-14C4	
Operator:	EP ENERGY E&P COMPANY, LP.	
String type:	Surface	Project ID: 43-013-53253
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,638 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,100 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,825 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 9,100 ft
Next mud weight: 10.400 ppg
Next setting BHP: 4,916 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,100 ft
Injection pressure: 2,100 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2100	9.625	40.00	N-80	LT&C	2100	2100	8.75	26722

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	960	3090	3.219	2100	5750	2.74	73	737	10.10 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 29, 2015
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2100 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013532530000 Jenkins 3-14C4		
Operator:	EP ENERGY E&P COMPANY, LP.		
String type:	Intermediate	Project ID:	43-013-53253
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 10.400 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 201 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 3,422 ft

Burst

Max anticipated surface pressure: 6,048 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 8,050 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.**Re subsequent strings:**

Next setting depth: 12,300 ft
Next mud weight: 13.700 ppg
Next setting BHP: 8,754 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,100 ft
Injection pressure: 9,100 psi

Tension is based on buoyed weight.
Neutral point: 7,668 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9100	7	29.00	HCP-110	LT&C	9100	9100	6.059	102763
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4916	9200	1.871	8050	11220	1.39	222.4	797	3.58 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 29, 2015
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9100 ft, a mud weight of 10.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013532530000 Jenkins 3-14C4		
Operator:	EP ENERGY E&P COMPANY, LP.		
String type:	Production Liner	Project ID:	43-013-53253
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 13.700 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 246 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 9,832 ft

Burst

Max anticipated surface pressure: 6,048 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 8,754 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Liner top: 8,900 ft

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 11,591 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3400	5	18.00	HCP-110	ST-L	12300	12300	4.151	269280
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	8754	15360	1.755	8754	13940	1.59	48.4	341	7.04 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 29, 2015
Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 12300 ft, a mud weight of 13.7 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.**Well Name** Jenkins 3-14C4

API Number	43013532530000	APD No	10896	Field/Unit	NORTH MYTON BENCH
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Location: 1/4,1/4NESW **Sec** 14 **Tw** 3.0S **Rng** 4.0W 2351 FSL 1576 FWL**GPS Coord (UTM)** 558944 4452447 **Surface Owner** Robert E. & Deanetta L. Jenkins**Participants**

Kelsey Carter (Lands for EP Energy); Dennis Ingram (DOGM)

Regional/Local Setting & Topography

The proposed Jenkins 3-14C4 well site is located in northeastern Utah approximately 3.54 miles north of Duchesne along highway 87, then easterly along an existing county road for 3.87 miles, then north along the proposed 0.40 mile access road into well pad. The surface is relatively flat but slopes slightly to the southwest. A broad drainage system that turns south toward the Duchesne River Drainage heads approximately 1.0 miles further south. The surface topography changes little across Blue Bench, which is mostly flat, open rangeland that was once irrigated to grow alfalfa. The surface does change approximately 4.0 miles to the west where this bench habitat drops off into the Duchesne River Drainage; the topography also slopes gently in a southerly direction until it reaches the Duchesne River Drainage some two plus miles away. To the northeast, broken sandstone shelves are common as the elevation rises into pinion juniper habitat. The topography also breaks off into lowlands approximately a quarter mile to the northeast.

Surface Use Plan**Current Surface Use**

Recreational

Residential

Deer Winter Range

**New Road
Miles**

0.4

Well Pad**Width** 407 **Length** 410**Src Const Material**

Onsite

Surface Formation

UNTA

Ancillary Facilities N**Waste Management Plan Adequate?** Y**Environmental Parameters****Affected Floodplains and/or Wetlands** N**Flora / Fauna**

Dense sagebrush cover, bunch grass, prickly pear cactus; potential rabbit, coyote, mule deer, fox and birds of prey.

Soil Type and Characteristics

Reddish in color, fine grained sandy loam, silt.

Erosion Issues N**Sedimentation Issues** N**Site Stability Issues** N**Drainage Diversion Required?** Y

Adjacent historical irrigation ditch

Berm Required? Y**Erosion Sedimentation Control Required?** N**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N**Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Present	15
Final Score	40	1 Sensitivity Level

Characteristics / Requirements

A proposed reserve pit is staked off the east side of the location in cut, measuring 110' wide by 150' long by 15' deep.

Closed Loop Mud Required? **Liner Required?** Y **Liner Thickness** 20 **Pit Underlayment Required?**

Other Observations / Comments

Surface slopes to the southwest, historical Blue Bench Irrigation Ditch impacted by staking of corner number 2, round corner to prevent cut and or fill from entering old ditch.

Dennis Ingram
Evaluator

1/20/2015
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
10896	43013532530000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		Surface Owner-APD	Robert E. & Deanetta L. Jenkins	
Well Name	Jenkins 3-14C4		Unit		
Field	NORTH MYTON BENCH		Type of Work	DRILL	
Location	NESW 14 3S 4W U 2351 FSL 1576 FWL GPS Coord (UTM) 558954E 4452447N				

Geologic Statement of Basis

EP proposes to set 60 feet of conductor and 2,100 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 1,800 feet. A search of Division of Water Rights records indicates that there are 4 water wells within a 10,000 foot radius of the center of Section 16. These wells probably produce water from the Duchesne River Formation. Depths of the wells fall in the range of 300-650 feet. The wells are listed as being used for irrigation, stock watering and domestic. The proposed drilling, casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill
APD Evaluator

1/21/2015
Date / Time

Surface Statement of Basis

Surface slopes to the southwest and does not have any drainage issues above the location as the surface is not eroded and has good sagebrush covering. Historical Blue Bench Irrigation Ditch impacted by staking of corner number 2. The operator needs to round corner number 2 to prevent cut and or fill from entering old ditch. The production tanks will be placed along the same side of the location as this ditch, and therefore the operator shall berm both the production tank area and the location which has been standard procedure for EP Energy. Topsoil storage has been planned along the west side of location between corners 8, 1, and 2.

A reserve pit has been proposed off the east side of the in cut and shall be lined with a 20 mil synthetic liner to help contain drilling fluids. That pit should be fenced prevent wildlife from entering same until it is closed.

A presite was scheduled and performed on January 20, 2014 to permit and address issues regarding the construction and drilling of the Jenkins 3-14C4 well. The landowner of record was notified by telephone and invited to the presite meeting but did not attend. EP Energy has submitted an Affidavit dated September 18, 2015 to the Division stating they have entered into a landowner agreement and damage settlement.

Dennis Ingram
Onsite Evaluator

1/20/2015
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the east side of the location.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Round corner number 2 to prevent location from extending into historical Blue Bench Irrigation Ditch

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/16/2014

API NO. ASSIGNED: 43013532530000

WELL NAME: Jenkins 3-14C4

OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850)

PHONE NUMBER: 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: NESW 14 030S 040W

Permit Tech Review: ☒

SURFACE: 2351 FSL 1576 FWL

Engineering Review: ☒

BOTTOM: 2351 FSL 1576 FWL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.22037

LONGITUDE: -110.30711

UTM SURF EASTINGS: 558954.00

NORTHINGS: 4452447.00

FIELD NAME: NORTH MYTON BENCH

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE/FEE - 400JU0708☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: Duchesne City☐ RDCC Review:☒ Fee Surface Agreement☐ Intent to Commingle

Commingling Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 139-124

Effective Date: 11/6/2014

Siting: 8 WELLS PER SECTION

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
13 - Cement Volume Formation (3a) - hmacdonald
25 - Surface Casing - hmacdonald

RECEIVED: February 05, 2015



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Jenkins 3-14C4
API Well Number: 43013532530000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 2/5/2015

Issued to:

EP ENERGY E&P COMPANY, L.P., 1001 Louisiana, Houston, TX 77002

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-124. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place lead cement from the pipe setting depth back to 500' above the surface shoe and tail cement to 500' above the Lower Green River as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Cement volume for the 5" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to TOL in order to adequately isolate the Green River formation.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a faint horizontal line.

For John Rogers
Associate Director, Oil & Gas

CONFIDENTIAL

3/12/2015

Subject: 24 Hour Notice Spud 8-3/4" Intermediate section on the following well.

Well Name: Jenkins 3-14C4

API Well Number: 43013532530000 *NESW S-14 T03S R044*

Field: Altamont

County: Duchesne

Mineral Owner: Fee

March 13, 2015

1:30 PM

Patterson-UTI

Rig #307 Spud 8-3/4" Intermediate (pressure test BOPE)

Best Regards

Gary Miller

Rig Site Supervisor

EP Energy LLC

C: 435-823-1725

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

NESW SEC 14 T03S R04W FEELEASE

WITHIN 24 HOURS POST NOTICE - Spudded 12 1/4" hole on Jenkins 3-14C4

1 message

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com>

Tue, Mar 3, 2015 at 1:46 PM

To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Derden, Roy Lynn (Contractor)" <Roy.Derden@epenergy.com>

RE: EP ENERGY
JENKINS 3-14C4
API # 43-013-53253-0000
DUCHESNE CO., UTAH

Leon Ross Drilling began drilling 12 1/4" hole on the Lake Fork Ranch 4-19B3 well at 04:30 PM, 03/02/2015.

Regards,
Eugene Parker
Well site Supervisor
Patterson 307
713-997-1255

THIS E-MAIL AND ANY MATERIALS TRANSMITTED WITH IT MAY CONTAIN CONFIDENTIAL OR PROPRIETARY MATERIAL FOR THE SOLE USE OF THE INTENDED RECIPIENT. ANY REVIEW, USE, DISTRIBUTION OR DISCLOSURE BY OTHERS IS STRICTLY PROHIBITED. IF YOU ARE NOT THE INTENDED RECIPIENT, OR AUTHORIZED TO RECEIVE THE INFORMATION FROM THE RECIPIENT, PLEASE NOTIFY THE SENDER BY REPLY E-MAIL AND DELETE ALL COPIES OF THIS MESSAGE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Jenkins 3-14C4	
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		9. API NUMBER: 43013532530000
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2351 FSL 1576 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 03.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/13/2015	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Initial Completion"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP plans to complete into the Wasatch. See attached for details.

Approved by the
April 07, 2015
Oil, Gas and Mining

Date: _____

By: Derek Duff

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A		DATE 4/7/2015

Jenkins 3-14C4

Initial Completion

API # : 4301353253

The following precautions will be taken until the RCA for the Conover is completed:

1. Review torque turning and running of the 7" and 5" liner of anomalies.
2. Test and chart casing for 30 minutes, noting pressure if any on surface casing.
3. Test all lubricators, valves and BOP's to working pressure.
4. A frac tree with BOP equipment will be utilized during the stimulation treatment.
5. Monitor the surface casing during frac:
 - a. Lay a flowline to the flow back tank and keep the valve open.
 - b. This line will remain in place until a wire line set retrievable packer is in place isolating the casing after the frac.
6. 2 7/8" tubing will be run to isolate the casing during the flow back of the well.
7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

Completion Information (Wasatch Formation)

Stage #1	RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~11370' – 11668' with ~4000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of THS 30/50. Total clean water volume is 3673 bbls.
Stage #2	RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~11021' – 11320' with ~4000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of THS 30/50. Total clean water volume is 3667 bbls.
Stage #3	RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10694' – 10984' with ~4000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of THS 30/50. Total clean water volume is 3661 bbls.
Stage #4	RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10356' – 10641' with ~4000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of THS 30/50. Total clean water volume is 3655 bbls.
Stage #5	RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~10041' – 10319' with ~4000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of TLC 30/50. Total clean water volume is 3649 bbls.

Stage #6 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9762' – 9997' with ~4000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of TLC 30/50. Total clean water volume is 3645 bbls.

Stage #7 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9459' – 9728' with ~4000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of TLC 30/50. Total clean water volume is 3639 bbls.

Stage #8 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~9157' – 9388' with ~4000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of TLC 30/50. Total clean water volume is 3634 bbls.

Stimulation Summary

	Top Perf	Btm. Perf	Gross Interval	Plug Depth	Net Perf Length	Total Shots	Perf Intervals	Type of Prop	Lbs of Prop	Lbs/ft	Lbs of 100 Mesh	Gals of HCL (15%)	BBLs of Clean H2O	BBLs of Slurry
Stage #1	11,370	11,668	298	NA	23	69	17	THS 30/50	150,000	503	3,000	4,000	3,673	4,061
Stage #2	11,021	11,320	299	11,335	23	69	17	THS 30/50	150,000	502	3,000	4,000	3,667	4,055
Stage #3	10,694	10,984	290	10,999	23	69	17	THS 30/50	150,000	517	3,000	4,000	3,661	4,049
Stage #4	10,356	10,641	285	10,656	23	69	17	THS 30/50	150,000	526	3,000	4,000	3,655	4,043
Stage #5	10,041	10,319	278	10,334	23	69	17	TLC 30/50	150,000	540	3,000	4,000	3,649	4,026
Stage #6	9,762	9,997	235	10,012	23	69	17	TLC 30/50	150,000	638	3,000	4,000	3,645	4,021
Stage #7	9,459	9,728	269	9,743	23	69	17	TLC 30/50	150,000	558	3,000	4,000	3,639	4,016
Stage #8	9,157	9,388	231	9,403	23	69	17	TLC 30/50	150,000	649	3,000	4,000	3,634	4,011
Average per Stage			273		23	69	17		150,000	554	3,000	4,000	3,653	4,035
Totals per Well			2,185		184	552	136		1,200,000		24,000	32,000	29,223	32,283

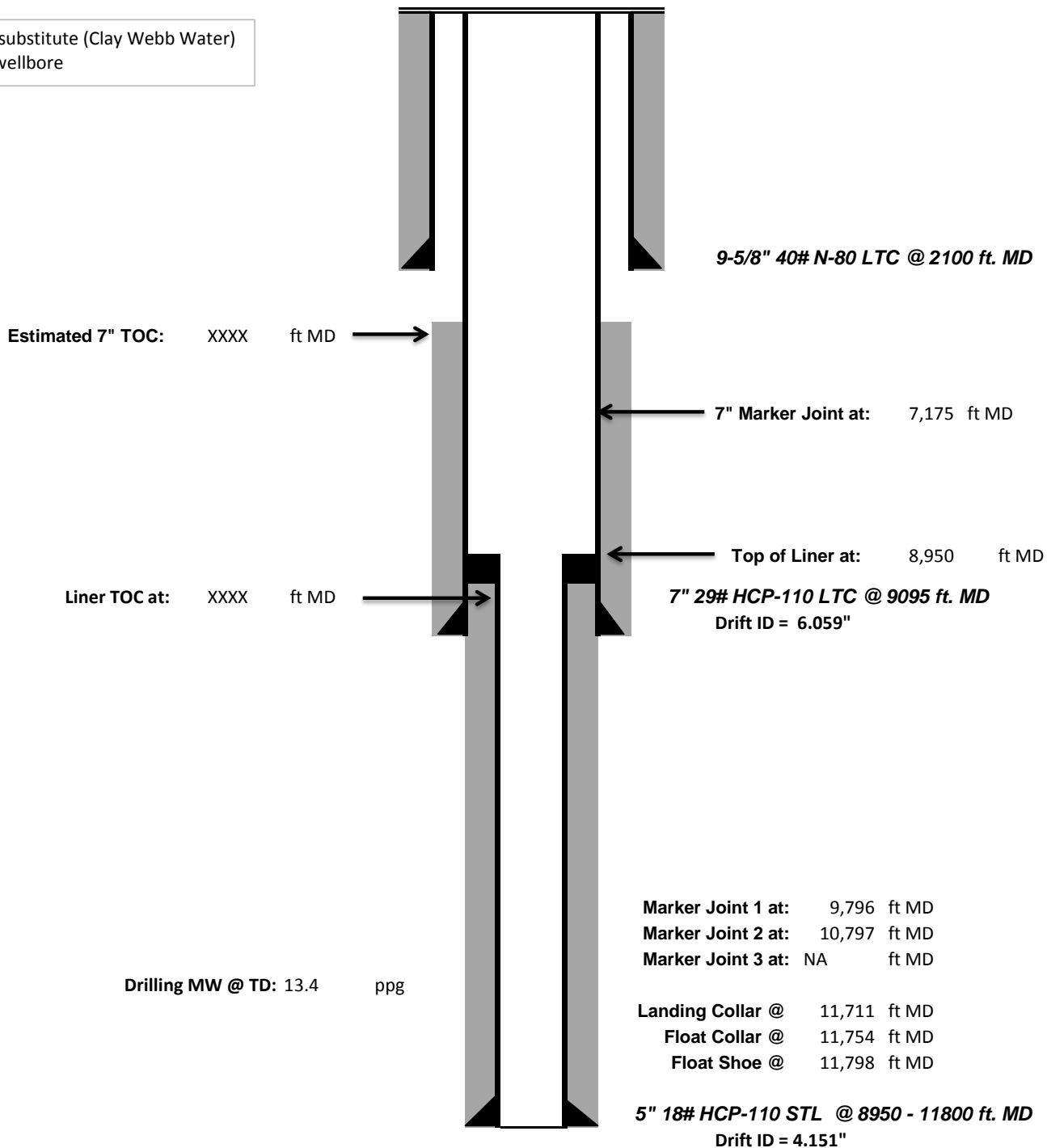


Pre-Completion Wellbore Schematic

Well Name: **Jenkins 3-14C4**
Company Name: **EP Energy**
Field, County, State: **Altamont, Duchesne, Utah**
Surface Location: **Lat: 40° 13' 13.4436" N Long: 110° 18' 23.4108" W**
Producing Zone(s): **Wasatch**

Last Updated: **4/1/2015**
By: **David Gregory**
TD: **11,798**
API: **4301353253**
AFE: **161644**

8.43 ppg KCL substitute (Clay Webb Water)
water in the wellbore



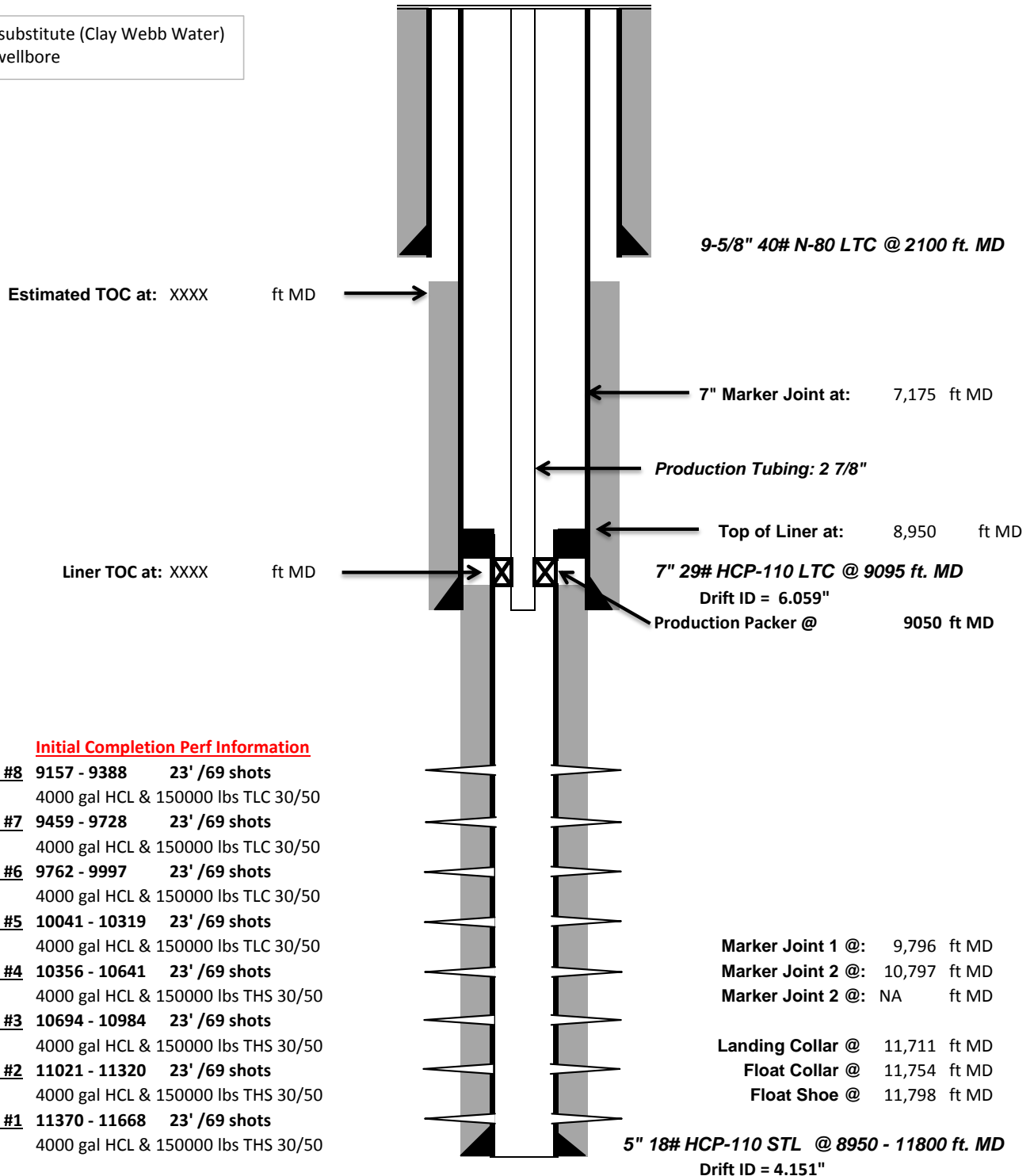


Post-Completion Wellbore Schematic

Well Name: **Jenkins 3-14C4**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, Utah**
 Surface Location: **Lat: 40° 13' 13.4436" N Long: 110° 18' 23.4108" W**
 Producing Zone(s): **Wasatch**

Last Updated: **4/1/2015**
 By: **David Gregory**
 TD: **11,798**
 API: **4301353253**
 AFE: **161644**

8.43 ppg KCL substitute (Clay Webb Water)
 water in the wellbore



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Carol Daniels unknown <caroldaniels@utah.gov>

NRSW S-14 T03S R04W FEE LEASE

Intent to RUN & CEMENT 5" Production Liner on JENKINS 3-14C4 well

1 message

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com>

Tue, Mar 24, 2015 at 8:11 AM

To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Derden, Roy Lynn (Contractor)" <Roy.Derden@epenergy.com>

RE: EP ENERGY
JENKINS 3-14C4
API Well Number: 43013532530000
DUCHESNE CO., UTAH

We intend to RUN & CEMENT 5" Production Liner on JENKINS 3-14C4 well within 24 hours.

Regards,
Eugene Parker
Well site Supervisor
Patterson 307
713-997-1255

THIS E-MAIL AND ANY MATERIALS TRANSMITTED WITH IT MAY CONTAIN CONFIDENTIAL OR PROPRIETARY MATERIAL FOR THE SOLE USE OF THE INTENDED RECIPIENT. ANY REVIEW, USE, DISTRIBUTION OR DISCLOSURE BY OTHERS IS STRICTLY PROHIBITED. IF YOU ARE NOT THE INTENDED RECIPIENT, OR AUTHORIZED TO RECEIVE THE INFORMATION FROM THE RECIPIENT, PLEASE NOTIFY THE SENDER BY REPLY E-MAIL AND DELETE ALL COPIES OF THIS MESSAGE.

CONFIDENTIAL

March 17, 2015

EP ENERGY

Subject: 24 Hour Notice for Running and Cementing of 7" Intermediate Casing.

Well Name: Jenkins 3-14C4 *NEWS-14 T035 R04W F22 LEASE*

API Well Number: 43013532530000

Field: Altamont

County: Duchesne

Mineral Owner: BLM bond # RLB0009692

Rig: Patterson 307

Best Regards

Gary Miller

Rig Site Supervisor

EP Energy LLC

C: 435-823-1725

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002		8. WELL NAME and NUMBER: Jenkins 3-14C4
PHONE NUMBER: 713 997-5038 Ext		9. API NUMBER: 43013532530000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2351 FSL 1576 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 03.0S Range: 04.0W Meridian: U		9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/9/2015	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> APD EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input checked="" type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	
<input type="checkbox"/> OTHER: 	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Need to correct field name to Altamont.

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Date: June 04, 2015

By: *Derek Quist*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 5/12/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013532530000

May consider request in next field review. The well and all wells in section 14 of 3S 4W are currently within North Myton Bench Field.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						5. LEASE DESIGNATION AND SERIAL NUMBER:			
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						7. UNIT or CA AGREEMENT NAME			
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						8. WELL NAME and NUMBER:			
2. NAME OF OPERATOR:						9. API NUMBER:			
3. ADDRESS OF OPERATOR: CITY _____ STATE _____ ZIP _____					PHONE NUMBER:	10 FIELD AND POOL, OR WILDCAT			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:			
						12. COUNTY		13. STATE	
								UTAH	
14. DATE SPUDDED:		15. DATE T.D. REACHED:		16. DATE COMPLETED: ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>		17. ELEVATIONS (DF, RKB, RT, GL):			
18. TOTAL DEPTH: MD _____ TVD _____		19. PLUG BACK T.D.: MD _____ TVD _____		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____			
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)				23. WAS WELL CORED? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit copy)					
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27 & #28.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
29. ENCLOSED ATTACHMENTS: All logs are submitted to UDOGM by vendor.								30. WELL STATUS:	
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS				<input type="checkbox"/> GEOLOGIC REPORT		<input type="checkbox"/> DST REPORT		<input type="checkbox"/> DIRECTIONAL SURVEY	
<input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION				<input type="checkbox"/> CORE ANALYSIS		<input type="checkbox"/> OTHER: _____			

31. INITIAL PRODUCTION**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) _____ TITLE _____

SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Attachment to Well Completion Report**Form 8 Dated May 12, 2015****Well Name: Jenkins 3-14C4****Items #27 and #28 Continued****27. Perforation Record**

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
10038'-10317'	.38	69	Open
9760'-9995'	.38	69	Open
9456'-9727'	.38	69	Open
9153'-9387'	.38	69	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10350'-10639'	4000 gal acid, 2800# 100 mesh, 123054# 30/50 Prem White PRC
10038'-10317'	4000 gal acid, 2961# 100 mesh, 149905# 30/50 PRC
9760'-9995'	4000 gal acid, 3001# 100 mesh, 149866# 30/50 PRC
9456'-9727'	4000 gal acid, 3018# 100 mesh, 149834# 30/50 PRC
9153'-9387'	4000 gal acid, 2763# 100 mesh, 133870# 30/50 PRC



Company: EP Energy
Well: Jenkins 3-14C4
Location: Duchesne, UT
Rig: Patterson 307

Job Number: _____
Mag Decl.: _____
Dir Driller: _____
MWD Eng: _____

Calculation Method Minimum Curvature
Proposed Azimuth 0.00
Depth Reference KB
Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth				
Tie In	0.00	0.00	0.00											
1	100.00	0.19	78.96	100.00	100.00	0.03	0.03	N	0.17	E	0.17	78.96	0.19	78.96
2	200.00	0.54	35.73	100.00	200.00	0.44	0.44	N	0.60	E	0.75	53.63	0.42	-43.23
3	300.00	0.42	36.49	100.00	299.99	1.12	1.12	N	1.09	E	1.57	44.38	0.12	-0.12
4	400.00	0.37	73.84	100.00	399.99	1.50	1.50	N	1.62	E	2.21	47.18	0.26	-0.05
5	500.00	0.29	31.56	100.00	499.99	1.80	1.80	N	2.06	E	2.74	48.79	0.25	-0.08
6	600.00	0.28	73.47	100.00	599.99	2.09	2.09	N	2.42	E	3.20	49.26	0.20	-0.01
7	700.00	0.34	120.87	100.00	699.99	2.00	2.00	N	2.91	E	3.53	55.46	0.26	0.07
8	800.00	0.51	161.51	100.00	799.99	1.43	1.43	N	3.30	E	3.60	66.64	0.34	0.17
9	900.00	0.55	192.02	100.00	899.98	0.54	0.54	N	3.35	E	3.39	80.87	0.28	0.04
10	1000.00	0.35	199.54	100.00	999.98	-0.22	0.22	S	3.14	E	3.15	94.00	0.20	-0.19
11	1100.00	0.50	262.06	100.00	1099.98	-0.57	0.57	S	2.60	E	2.67	102.38	0.46	0.15
12	1200.00	0.54	257.40	100.00	1199.97	-0.73	0.73	S	1.71	E	1.86	113.23	0.05	0.03
13	1300.00	0.49	269.15	100.00	1299.97	-0.84	0.84	S	0.83	E	1.18	135.48	0.12	-0.05
14	1400.00	0.45	287.46	100.00	1399.96	-0.73	0.73	S	0.03	E	0.73	177.59	0.15	-0.04
15	1500.00	0.38	334.60	100.00	1499.96	-0.32	0.32	S	0.49	W	0.58	237.00	0.34	-0.07
16	1600.00	0.54	270.32	100.00	1599.96	-0.01	0.01	S	1.10	W	1.10	269.33	0.51	0.16
17	1700.00	0.48	277.07	100.00	1699.96	0.04	0.04	N	1.98	W	1.98	271.19	0.09	-0.06
18	1800.00	0.62	264.84	100.00	1799.95	0.04	0.04	N	2.93	W	2.93	270.85	0.19	0.15
19	1900.00	0.65	261.48	100.00	1899.94	-0.09	0.09	S	4.03	W	4.03	268.73	0.05	0.03
20	2000.00	0.35	235.24	100.00	1999.94	-0.34	0.34	S	4.84	W	4.85	265.92	0.37	-0.30
21	2037.00	0.43	237.09	37.00	2036.94	-0.48	0.48	S	5.04	W	5.07	264.52	0.24	0.24
22	2179.00	0.40	140.70	142.00	2178.94	-1.16	1.16	S	5.18	W	5.31	257.39	0.44	-0.02
23	2274.00	0.80	43.40	95.00	2273.93	-0.93	0.93	S	4.52	W	4.61	258.31	0.99	0.42
24	2370.00	1.50	22.20	96.00	2369.91	0.72	0.72	N	3.58	W	3.65	281.31	0.84	0.73
25	2466.00	1.60	28.10	96.00	2465.88	3.06	3.06	N	2.47	W	3.94	321.06	0.20	0.10
26	2561.00	2.30	37.60	95.00	2560.82	5.74	5.74	N	0.69	W	5.78	353.18	0.81	0.74
27	2656.00	3.00	32.50	95.00	2655.72	9.35	9.35	N	1.81	E	9.52	10.97	0.78	0.74
28	2751.00	3.30	23.90	95.00	2750.58	13.95	13.95	N	4.26	E	14.58	16.97	0.59	0.32
29	2846.00	3.60	17.80	95.00	2845.41	19.29	19.29	N	6.28	E	20.28	18.02	0.50	0.32
30	2940.00	3.60	13.60	94.00	2939.22	24.96	24.96	N	7.87	E	26.18	17.50	0.28	0.00
31	3036.00	2.70	14.20	96.00	3035.08	30.09	30.09	N	9.13	E	31.44	16.89	0.94	-0.94
32	3132.00	3.40	15.10	96.00	3130.94	35.03	35.03	N	10.43	E	36.55	16.58	0.73	0.73
33	3227.00	3.80	10.70	95.00	3225.75	40.84	40.84	N	11.75	E	42.50	16.05	0.51	0.42
34	3322.00	4.50	18.20	95.00	3320.50	47.47	47.47	N	13.50	E	49.35	15.87	0.93	0.74
35	3417.00	3.60	22.60	95.00	3415.26	53.77	53.77	N	15.81	E	56.04	16.38	1.00	-0.95



Company: EP Energy
Well: Jenkins 3-14C4
Location: Duchesne, UT
Rig: Patterson 307

Job Number:
Mag Decl.:
Dir Driller:
MWD Eng:

Calculation Method Minimum Curvature
Proposed Azimuth 0.00
Depth Reference KB
Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure Distance (ft)	Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)					
36	3513.00	3.90	17.10	96.00	3511.06	59.67	59.67 N	17.93 E	62.30	16.72	0.49	0.31	-5.73
37	3609.00	3.30	15.00	96.00	3606.87	65.46	65.46 N	19.60 E	68.33	16.67	0.64	-0.63	-2.19
38	3704.00	4.40	18.20	95.00	3701.65	71.56	71.56 N	21.45 E	74.71	16.68	1.18	1.16	3.37
39	3799.00	3.80	17.80	95.00	3796.41	78.02	78.02 N	23.55 E	81.50	16.79	0.63	-0.63	-0.42
40	3893.00	2.30	17.70	94.00	3890.27	82.78	82.78 N	25.07 E	86.50	16.85	1.60	-1.60	-0.11
41	3989.00	2.80	23.60	96.00	3986.18	86.77	86.77 N	26.60 E	90.75	17.04	0.59	0.52	6.15
42	4085.00	3.50	20.80	96.00	4082.03	91.66	91.66 N	28.58 E	96.01	17.32	0.75	0.73	-2.92
43	4180.00	2.80	23.00	95.00	4176.89	96.50	96.50 N	30.51 E	101.21	17.55	0.75	-0.74	2.32
44	4275.00	3.60	18.30	95.00	4271.74	101.47	101.47 N	32.36 E	106.50	17.69	0.89	0.84	-4.95
45	4370.00	4.10	14.40	95.00	4366.53	107.59	107.59 N	34.14 E	112.88	17.60	0.59	0.53	-4.11
46	4466.00	3.20	12.80	96.00	4462.33	113.53	113.53 N	35.59 E	118.98	17.40	0.94	-0.94	-1.67
47	4562.00	3.50	29.10	96.00	4558.17	118.70	118.70 N	37.60 E	124.52	17.58	1.04	0.31	16.98
48	4657.00	3.60	28.80	95.00	4652.99	123.85	123.85 N	40.45 E	130.29	18.09	0.11	0.11	-0.32
49	4752.00	3.80	22.30	95.00	4747.79	129.38	129.38 N	43.08 E	136.36	18.42	0.49	0.21	-6.84
50	4848.00	2.50	19.40	96.00	4843.64	134.29	134.29 N	44.99 E	141.63	18.52	1.36	-1.35	-3.02
51	4944.00	3.10	17.00	96.00	4939.53	138.75	138.75 N	46.44 E	146.32	18.51	0.64	0.63	-2.50
52	5040.00	3.60	18.00	96.00	5035.36	144.10	144.10 N	48.13 E	151.93	18.47	0.52	0.52	1.04
53	5136.00	3.90	15.10	96.00	5131.16	150.12	150.12 N	49.91 E	158.20	18.39	0.37	0.31	-3.02
54	5231.00	4.00	8.60	95.00	5225.93	156.51	156.51 N	51.25 E	164.69	18.13	0.48	0.11	-6.84
55	5327.00	2.10	20.40	96.00	5321.79	161.47	161.47 N	52.36 E	169.75	17.97	2.07	-1.98	12.29
56	5421.00	3.20	15.70	94.00	5415.69	165.61	165.61 N	53.67 E	174.09	17.96	1.19	1.17	-5.00
57	5517.00	2.20	2.50	96.00	5511.58	170.03	170.03 N	54.48 E	178.55	17.77	1.22	-1.04	-13.75
58	5612.00	1.30	346.60	95.00	5606.54	172.90	172.90 N	54.31 E	181.23	17.44	1.07	-0.95	362.21
59	5706.00	0.90	292.90	94.00	5700.52	174.23	174.23 N	53.38 E	182.22	17.03	1.12	-0.43	-57.13
60	5802.00	0.70	238.60	96.00	5796.51	174.22	174.22 N	52.19 E	181.87	16.68	0.78	-0.21	-56.56
61	5898.00	0.30	310.60	96.00	5892.51	174.07	174.07 N	51.49 E	181.53	16.48	0.70	-0.42	75.00
62	5994.00	0.70	26.80	96.00	5988.51	174.76	174.76 N	51.57 E	182.21	16.44	0.72	0.42	-295.63
63	6089.00	0.20	77.60	95.00	6083.51	175.32	175.32 N	51.99 E	182.86	16.52	0.63	-0.53	53.47
64	6184.00	0.30	200.50	95.00	6178.50	175.12	175.12 N	52.07 E	182.69	16.56	0.47	0.11	129.37
65	6280.00	1.00	200.50	96.00	6274.50	174.10	174.10 N	51.69 E	181.61	16.53	0.73	0.73	0.00
66	6376.00	1.20	201.00	96.00	6370.48	172.37	172.37 N	51.03 E	179.77	16.49	0.21	0.21	0.52
67	6471.00	1.40	193.10	95.00	6465.46	170.32	170.32 N	50.41 E	177.62	16.49	0.28	0.21	-8.32
68	6566.00	1.50	200.90	95.00	6560.43	168.02	168.02 N	49.71 E	175.22	16.48	0.23	0.11	8.21
69	6662.00	1.90	199.80	96.00	6656.38	165.35	165.35 N	48.72 E	172.38	16.42	0.42	0.42	-1.15
70	6757.00	2.00	201.40	95.00	6751.33	162.33	162.33 N	47.58 E	169.16	16.34	0.12	0.11	1.68
71	6853.00	2.20	197.80	96.00	6847.26	159.01	159.01 N	46.41 E	165.65	16.27	0.25	0.21	-3.75
72	6948.00	2.60	194.30	95.00	6942.18	155.19	155.19 N	45.32 E	161.67	16.28	0.45	0.42	-3.68



Company: EP Energy
Well: Jenkins 3-14C4
Location: Duchesne, UT
Rig: Patterson 307

Job Number: _____
Mag Decl.: _____
Dir Driller: _____
MWD Eng: _____

Calculation Method Minimum Curvature
Proposed Azimuth 0.00
Depth Reference KB
Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates			Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)		Distance (ft)	Direction Azimuth			
73	7044.00	2.50	198.40	96.00	7038.08	151.09	151.09 N	44.12 E		157.40	16.28	0.22	-0.10	4.27
74	7138.00	2.60	193.90	94.00	7131.99	147.08	147.08 N	42.96 E		153.22	16.28	0.24	0.11	-4.79
75	7234.00	2.80	192.90	96.00	7227.88	142.68	142.68 N	41.91 E		148.71	16.37	0.21	0.21	-1.04
76	7329.00	2.60	191.60	95.00	7322.78	138.31	138.31 N	40.96 E		144.24	16.50	0.22	-0.21	-1.37
77	7425.00	2.70	193.60	96.00	7418.68	133.98	133.98 N	39.99 E		139.82	16.62	0.14	0.10	2.08
78	7521.00	3.10	192.20	96.00	7514.55	129.24	129.24 N	38.91 E		134.97	16.76	0.42	0.42	-1.46
79	7617.00	3.10	191.70	96.00	7610.41	124.16	124.16 N	37.84 E		129.80	16.95	0.03	0.00	-0.52
80	7712.00	3.20	192.00	95.00	7705.27	119.05	119.05 N	36.76 E		124.60	17.16	0.11	0.11	0.32
81	7808.00	3.30	185.40	96.00	7801.12	113.68	113.68 N	35.95 E		119.23	17.55	0.40	0.10	-6.87
82	7903.00	3.50	185.50	95.00	7895.95	108.07	108.07 N	35.41 E		113.73	18.14	0.21	0.21	0.11
83	7997.00	3.30	189.30	94.00	7989.78	102.55	102.55 N	34.70 E		108.26	18.69	0.32	-0.21	4.04
84	8092.00	3.40	189.10	95.00	8084.62	97.07	97.07 N	33.81 E		102.79	19.20	0.11	0.11	-0.21
85	8188.00	3.20	191.80	96.00	8180.46	91.63	91.63 N	32.81 E		97.33	19.70	0.26	-0.21	2.81
86	8284.00	3.10	197.30	96.00	8276.32	86.53	86.53 N	31.49 E		92.08	20.00	0.33	-0.10	5.73
87	8380.00	3.30	203.20	96.00	8372.17	81.51	81.51 N	29.63 E		86.73	19.98	0.40	0.21	6.15
88	8475.00	3.20	201.80	95.00	8467.01	76.54	76.54 N	27.57 E		81.35	19.81	0.13	-0.11	-1.47
89	8570.00	3.30	197.00	95.00	8561.86	71.46	71.46 N	25.79 E		75.97	19.84	0.31	0.11	-5.05
90	8665.00	3.50	196.10	95.00	8656.69	66.06	66.06 N	24.18 E		70.35	20.11	0.22	0.21	-0.95
91	8761.00	3.30	203.40	96.00	8752.53	60.71	60.71 N	22.27 E		64.67	20.15	0.50	-0.21	7.60
92	8856.00	2.00	221.10	95.00	8847.42	56.95	56.95 N	20.10 E		60.39	19.44	1.60	-1.37	18.63
93	8951.00	1.90	210.70	95.00	8942.37	54.35	54.35 N	18.20 E		57.31	18.52	0.39	-0.11	-10.95
94	9047.00	1.20	209.50	96.00	9038.33	52.10	52.10 N	16.90 E		54.77	17.97	0.73	-0.73	-1.25
95	9053.00	1.10	207.60	6.00	9044.33	52.00	52.00 N	16.84 E		54.66	17.94	1.78	-1.67	-31.67
96	9200.00	1.71	197.25	147.00	9191.29	48.65	48.65 N	15.53 E		51.07	17.71	0.45	0.42	-7.04
97	9300.00	2.04	189.95	100.00	9291.23	45.46	45.46 N	14.78 E		47.81	18.01	0.41	0.33	-7.30
98	9400.00	2.72	185.92	100.00	9391.15	41.35	41.35 N	14.23 E		43.73	18.99	0.70	0.68	-4.03
99	9500.00	2.70	184.43	100.00	9491.03	36.64	36.64 N	13.80 E		39.15	20.64	0.08	-0.03	-1.50
100	9600.00	2.90	189.93	100.00	9590.92	31.80	31.80 N	13.18 E		34.43	22.52	0.34	0.21	5.51
101	9700.00	3.12	189.42	100.00	9690.78	26.62	26.62 N	12.30 E		29.33	24.80	0.22	0.22	-0.51
102	9800.00	3.06	190.44	100.00	9790.63	21.31	21.31 N	11.37 E		24.16	28.08	0.09	-0.07	1.02
103	9900.00	3.00	189.34	100.00	9890.49	16.12	16.12 N	10.47 E		19.22	33.00	0.08	-0.06	-1.10
104	10000.00	3.11	192.08	100.00	9990.35	10.88	10.88 N	9.47 E		14.43	41.04	0.19	0.12	2.74
105	10100.00	3.03	193.87	100.00	10090.21	5.66	5.66 N	8.27 E		10.03	55.60	0.13	-0.09	1.79
106	10200.00	3.05	191.28	100.00	10190.07	0.49	0.49 N	7.12 E		7.14	86.05	0.14	0.03	-2.59
107	10300.00	3.44	196.77	100.00	10289.91	-4.99	4.99 S	5.73 E		7.60	131.06	0.50	0.39	5.50
108	10400.00	3.19	190.05	100.00	10389.74	-10.61	10.61 S	4.38 E		11.48	157.56	0.46	-0.26	-6.72
109	10500.00	3.45	192.96	100.00	10489.57	-16.28	16.28 S	3.22 E		16.60	168.81	0.31	0.27	2.91



Company: EP Energy
Well: Jenkins 3-14C4
Location: Duchesne, UT
Rig: Patterson 307

Job Number: _____
Mag Decl.: _____
Dir Driller: _____
MWD Eng: _____

Calculation Method Minimum Curvature
Proposed Azimuth 0.00
Depth Reference KB
Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates				Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)		E/W (ft)		Distance (ft)	Direction Azimuth			
110	10600.00	3.46	190.66	100.00	10589.39	-22.18	22.18	S	1.99	E	22.27	174.88	0.14	0.01	-2.30
111	10700.00	3.38	192.60	100.00	10689.21	-28.02	28.02	S	0.79	E	28.03	178.39	0.14	-0.08	1.94
112	10800.00	3.65	188.82	100.00	10789.02	-34.04	34.04	S	0.34	W	34.05	180.58	0.36	0.27	-3.78
113	10900.00	3.38	187.94	100.00	10888.83	-40.11	40.11	S	1.24	W	40.13	181.77	0.27	-0.27	-0.88
114	11000.00	3.39	190.26	100.00	10988.66	-45.94	45.94	S	2.17	W	45.99	182.71	0.14	0.00	2.32
115	11100.00	3.71	188.11	100.00	11088.47	-52.05	52.05	S	3.16	W	52.15	183.47	0.35	0.32	-2.15
116	11200.00	3.30	188.40	100.00	11188.28	-58.10	58.10	S	4.03	W	58.24	183.97	0.41	-0.41	0.29
117	11300.00	3.70	188.90	100.00	11288.09	-64.13	64.13	S	4.95	W	64.32	184.42	0.40	0.40	0.50
118	11400.00	3.28	185.39	100.00	11387.91	-70.16	70.16	S	5.72	W	70.39	184.66	0.47	-0.42	-3.51
119	11500.00	3.72	193.14	100.00	11487.72	-76.17	76.17	S	6.73	W	76.46	185.05	0.65	0.44	7.75
120	11600.00	3.80	194.13	100.00	11587.51	-82.54	82.54	S	8.27	W	82.95	185.72	0.10	0.07	0.99
121	11633.00	3.62	194.00	33.00	11620.44	-84.61	84.61	S	8.79	W	85.06	185.93	0.54	-0.54	-0.42
122	11815.00	3.62	194.00	182.00	11802.08	-95.75	95.75	S	11.57	W	96.44	186.89	0.00	0.00	0.00

CENTRAL DIVISION

ALTAMONT FIELD
JENKINS 3-14C4
JENKINS 3-14C4
DRILLING LAND

Operation Summary Report

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1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	JENKINS 3-14C4		
Project	ALTAMONT FIELD	Site	JENKINS 3-14C4
Rig Name/No.	PATTERSON/307	Event	DRILLING LAND
Start date	3/10/2015	End date	3/29/2015
Spud Date/Time	3/14/2015	UWI	JENKINS 3-14C4
Active datum	KB @5,944.5ft (above Mean Sea Level)		
Afe No./Description	161644/53600 / JENKINS 3-14C4		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
3/10/2015	6:00 6:00	24.00	DPDCOND	07		P	0.0	PRE-SET RIG DRILLED SET, CMT 20" COND 40' - DRILLED SET, CMT 13 3/8" SFC COND 631' - DRILLED SET, CMT 9 5/8" SFC CSG 2,001' - R/D M/O RIG.
3/11/2015	6:00 6:00	24.00	MIRU	01		P	2,108.0	MOVE AND RIG UP. 35% MOVED 20% RIGGED UP
3/12/2015	6:00 6:00	24.00	MIRU	01		P	2,108.0	RIGGING UP. 100% MOVED 70 % RIGGED UP.
3/13/2015	6:00 6:00	24.00	MIRU	01		P	2,108.0	RIGGING UP 95% RIGGED UP.
3/14/2015	6:00 16:30	10.50	MIRU	01		P	2,108.0	RIGGING UP. RIG UP TOP DRIVE.
	16:30 0:00	7.50	DRLINT1	07		P	2,108.0	NU 10K BOPE
	0:00 1:00	1.00	CASSURF	31		P	2,108.0	TESTED CASING 2,500 PSI. HELD >30 MINUTES.
	1:00 6:00	5.00	CASSURF	30		P	2,108.0	MIXED SPUD MUD & DRESSED SHAKERS WHILE TESTED ANNULAR 250 PSI LOW / 4,000 PSI HIGH. REMAINDER BOPE, FLOOR VALVES, ETC TESTED 250 PSI LOW / 5,000 PSI HIGH & HELD >10 MINUTES EACH TEST.
3/15/2015	6:00 7:00	1.00	DRLINT1	14		P	2,108.0	INSTALL WEAR BUSHING.
	7:00 8:30	1.50	DRLINT1	17		P	2,108.0	TAKE WRAPS OFF OF DRUM.
	8:30 9:00	0.50	DRLINT1	12		P	2,108.0	RIG SERVICE.
	9:00 11:30	2.50	DRLINT1	14		P	2,108.0	PU DIRECTIONAL TOOLS , SCRIBE , AND TEST.
	11:30 15:00	3.50	DRLINT1	13		P	2,108.0	PU 6-1/2" DC'S AND 5" DP.
	15:00 18:00	3.00	DRLINT1	44		N	2,108.0	CHANGE OUT SEAL ON MAIN DRUM CIRCULATING SYSTEM.
	18:00 18:30	0.50	DRLINT1	42		P	2,108.0	INSTALL ROTATING RUBBER.
	18:30 19:30	1.00	CASSURF	32		P	2,108.0	DRILLED SHOE TRACK & 10' NEW HOLE. START DRILLING @ 20:00 HRS 03/14/2015.
3/16/2015	19:30 20:30	1.00	CASSURF	15		P	2,118.0	C & C MUD. PERFORMED FIT TO 15.4 PPG EMW.
	20:30 6:00	9.50	DRLINT1	07		P	2,118.0	DRILLED 2,118' - 3,376'.
	6:00 16:00	10.00	DRLINT1	07		P	3,376.0	DRILLING FROM 3376' TO 4424'.
	16:00 16:30	0.50	DRLINT1	12		P	4,424.0	RIG SERVICE.
3/17/2015	16:30 6:00	13.50	DRLINT1	07		P	4,424.0	DRILLING FROM 4424' TO 6100'
	6:00 11:30	5.50	DRLINT1	07		P	6,100.0	DRILLING FROM 6100' TO 6514'.
	11:30 12:00	0.50	DRLINT1	12		P	6,514.0	RIG SERVICE.
	12:00 6:00	18.00	DRLINT1	07		P	6,514.0	DRILLING FROM 6514' TO 7978'.
3/18/2015	6:00 16:30	10.50	DRLINT1	07		P	7,970.0	DRILLED 7,970' TO 8,717'.
	16:30 17:00	0.50	DRLINT1	12		P	8,717.0	RIG SERVICED.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duratio n (hr)	Phase	Activit y	Sub	OP Code	MD from (ft)	Operation
3/19/2015	17:00 18:30	1.50	DRLINT1	43		N	8,717.0	REPAIRED TOP DRIVE.
	18:30 1:00	6.50	DRLINT1	07		P	8,717.0	DRILLED 8,717' TO 9,105' ICP.
	1:00 2:30	1.50	DRLINT1	15		P	9,105.0	CIR AND COND.
	2:30 6:00	3.50	DRLINT1	13		P	9,105.0	TOOH. TIGHT 7,000' TO 6,700'.
	6:00 11:30	5.50	DRLINT1	13		P	9,105.0	TOOH, TIGHT HOLE 6,700' TO 5,800' 4,209' TO 4,046' 3067' TO 2,970'. BACK REAM THRU TIGHT SPOTS.
	11:30 13:30	2.00	DRLINT1	14		P	9,105.0	L/D RYAN TOOLS & BIT.
	13:30 14:00	0.50	DRLINT1	12		P	9,105.0	RIG SERVICED.
	14:00 14:30	0.50	DRLINT1	43		N	9,105.0	REPAIRED TDU.
	14:30 23:00	8.50	DRLINT1	13		P	9,105.0	TIH W/ RR BIT#1 ON SLICK BHA. TIH FILLING DP EVERY 3,000'. REAMED TIGHT HOLE F. 5,527' - 7,037'. TIH SLICK TO 9,105' TD .
	23:00 1:00	2.00	DRLINT1	15		P	9,105.0	CIRC AND COND 10.5 PPG MUD. B/U GAS 3,285 UNITS.
3/20/2015	1:00 2:00	1.00	DRLINT1	14		P	9,105.0	PUMPED SLUG. L/D 5" DP.
	2:00 3:00	1.00	DRLINT1	47		N	9,105.0	REPAIRED ST-80.
	3:00 6:00	3.00	DRLINT1	14		P	9,105.0	CONTINUED L/D 5" DP.
	6:00 11:30	5.50	DRLINT1	14		P	9,105.0	L/D 5" DRILL PIPE, BHA, & BIT.
	11:30 12:00	0.50	EVLINT1	12		P	9,105.0	RIG SERVICED.
	12:00 21:30	9.50	EVLINT1	22		P	9,105.0	RU & RAN WEATHERFORD'S (BSAT) COMPACT QUAD-COMBO LOG. TAGGED BTM AT 9,108' WLM. 188F MAX RECORDED TEMP. POOH. R/D.
	21:30 22:00	0.50	CASINT1	43		N	9,105.0	REPAIRED TDU.
	22:00 22:30	0.50	CASINT1	42		P	9,105.0	PULLED WEAR BUSHING.
	22:30 6:00	7.50	CASINT1	24		P	9,105.0	REDUCED MW 10.5 TO 10.2 WHILE RU FRANK'S WESTATES' CASING TOOLS TO RUN 7" INTERMEDIATE CASING. TESTED SHOE TRACK, OK. SIH, CIRCULATE BU FROM 1,000' & 1,716'.
	6:00 22:00	16.00	CASINT1	24		P	9,105.0	FINISHED SIH; CBU FROM 2,500'. NO RETURNS FROM 3,500'. PARTIAL RETURNS FROM 4,500' & 5,100'. FULL RETURNS FROM 6,100', 7,100', 8,100' 9,095'. RAN TOTAL OF 219 JTS PLUS 1 MARKER OF 7" 29 # HCP-110 LT&C CASING TO 9,095'. MARKER @ 7,182', FC @ 9,047'.
3/21/2015	22:00 23:00	1.00	CASINT1	15		P	9,105.0	RD FILL-UP TOOL. PUMU LDG JOINT. INSTALLED CMT HEAD. CBU @ 3 TO 4.5 BPM, MAX GAS 668 UNITS. NO ADDITIONAL LOSSES.
	23:00 2:00	3.00	CASINT1	25		P	9,105.0	PJSM, RU HES & TEST LINE TO 5,000 PSI. PUMPED 40 BBLS 10.5 PPG TUNED SPACER. MIX & PUMP 610 SXS, 252 BBLS OF 12.0 PPG, 2.32 YLD EXTENDACEM LEAD CMT. TAILED WITH 310 SXS, 91 BBLS OF 13.0 PPG, 1.64 YLD EXPANDACEM CMT. RELEASED PLUG. DISPLACED WITH 338 BBLS 10.2 PPG MUD @ 6 - 2 BPM. PUMPED 1 BBL OVER. DID NOT BUMP PLUG. FINAL PSI 1,280. CIP AT 01:50 HRS, 03/21/2015. 1.0 BBL BLED BACK, FLOATS HELD. HAD GOOD RETURNS THROUGH OUT MIXING AND DISPLACING CMT. HAD ALL OF 40 BBLS OF TUNED SPACER BACK TO SURFACE PLUS 80 BBLS OF CEMENT. RD HES. TOC AT SURFACE.
	2:00 3:00	1.00	CASINT1	26		P	9,105.0	FLUSH WELL HEAD THRU BOPE WITH SUGAR WATER. LANDED CSG HANGER IN HEAD W / 226K STRING WT. PULLED LANDING JOINT. RD 20' BAILS & CSG ELEVATORS.
	3:00 4:30	1.50	CASINT1	23		P	9,105.0	INSTALLED & TESTED PACK OFF TO 5M PSI FOR 10 MINUTES.
	4:30 6:00	1.50	CASINT1	30		P	9,105.0	RU WEATHERFORD TESTERS. LANDED TEST PLUG IN HEAD. TESTING 11" 10M BOPE ART.
	6:00 12:00	6.00	CASINT1	30		P	9,105.0	REPLACED TDU WEAR SUB. TESTED ANNULAR 250 PSI LOW & 4,000 PSI HIGH. TESTED REMAINDER 250 PSI LOW & 10,000 PSI HIGH. HELD EACH TEST >10 MINUTES. LAID DOWN TEST PLUG. MOVED BHA & DP ONTO RACKS WHILE TESTING. CLEANED PUMP SUCTION MAIFOLDS.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duratio n (hr)	Phase	Activit y	Sub	OP Code	MD from (ft)	Operation
3/23/2015	12:00 12:30	0.50	CASINT1	31		P	9,105.0	TESTED CASING TO 2,500 PSI FOR >30 MINUTES. RD WEATHERFORD TESTER.
	12:30 1:30	13.00	CASINT1	14		P	9,105.0	PUMU 6-1/8" BIT, PHA. PUMU 4 7/8" SPIRAL DCs. PUMU 4" DP FROM RACKS TO 8,953'. FILLED DP AT 1,500' INTERVALS. INSTALLED ROTATING HEAD RUBBER.
	1:30 2:30	1.00	CASINT1	15		P	9,105.0	FILLED 4" DP. CIR BTMS UP.
	2:30 3:00	0.50	CASINT1	31		P	9,105.0	TESTED CASING TO 2,500 PSI AT 1/2 BBL INCREMENTS TO RECORD DATA POINTS FOR FIT CHART.
	3:00 3:30	0.50	CASINT1	12		P	9,105.0	RIG SERVICED.
	3:30 6:00	2.50	CASINT1	32		P	9,105.0	DRILLED OUT CEMENT & FLOAT EQUIPMENT. SHOE AT 9,095'.
	6:00 7:00	1.00	CASINT1	72		P	9,105.0	DRILLED 10' NH TO 9,115'.
	7:00 7:30	0.50	CASINT1	33		P	9,115.0	PERFORMED LOT TO 14.7 EMW.
	7:30 12:00	4.50	DRLPRD	07		P	9,115.0	DRILLED 9,115 - 9,523'.
	12:00 13:00	1.00	DRLPRD	11		P	9,523.0	SL SURVEY AT 9,493' = 2.2 DEGREES.
	13:00 14:00	1.00	DRLPRD	07		P	9,523.0	DRILLED 9,523 - 9,617'.
	14:00 14:30	0.50	DRLPRD	12		P	9,617.0	SERVICED RIG & TDU.
3/24/2015	14:30 6:00	15.50	DRLPRD	07		P	9,617.0	DRILLED 9,617 - 10,500'.
	6:00 17:00	11.00	DRLPRD	07		P	10,500.0	DRILLED 10,500' - 11,135'.
	17:00 17:30	0.50	DRLPRD	12		P	11,135.0	RIG SERVICED.
	17:30 5:30	12.00	DRLPRD	07		P	11,135.0	DRILLED 11,135' - 11,815' TD. INCREASED MW TO 13.4 PPG.
3/25/2015	5:30 6:00	0.50	DRLPRD	15		P	11,815.0	C & C MUD.
	6:00 7:00	1.00	DRLPRD	15		P	11,815.0	C & C 13.4 MUD. 4,022 ML & 6,694 PASON UNITS OF TRIP GAS.
	7:00 10:30	3.50	DRLPRD	13		P	11,815.0	TOOH 30 STANDS TO SHOE. OBSERVED ONLY 3 TIGHT SPOTS. TIH, HOLE SLICK.
	10:30 13:30	3.00	DRLPRD	15		P	11,815.0	C & C MUD AT 4 BPM. MUD CUT TO 11.8 PPG, 905 ML & 6,300 PASON UNITS OF TRIP GAS. TRIP GAS DURATION WAS 40 MINUTES. INCREASED MUD WT TO 13.6 PPG. FULL RETURNS.
	13:30 22:00	8.50	DRLPRD	13		P	11,815.0	DROPPED 2.375" DRIFT WITH SL TAIL. TOOH FOR E-LOGS. PULLED RH RUBBER. LD BHA, BIT.
	22:00 6:00	8.00	EVLPRD	22		P	11,815.0	RU ELU TRUCK. HOLE DRINKING 4 BPH. RIH WITH WEATHERFORD'S ULTRA-SLIM QUAD-COMBO LOG. UNABLE TO GO BELOW 11,764' WLM. LOGGED OUT.
3/26/2015	6:00 7:30	1.50	EVLINT1	22		P	11,815.0	FINISHED RD WEATHERFORD'S ELU TRUCK.
	7:30 8:30	1.00	CASPRD1	24		P	11,815.0	RIG UP FRANK'S WESTATES' CASING TOOLS & TORQUE-TURN.
	8:30 9:00	0.50	CASPRD1	24		P	11,815.0	MU FLOAT SHOE, 1 JOINT, FLOAT COLLAR, 1 JOINT, LANDING COLLAR. CHECKED FLOATS.
	9:00 12:30	3.50	CASPRD1	24		P	11,815.0	PUMU AN ADDITIONAL 66 FULL JTS (68 TOTAL) PLUS 3 MARKER JTS OF 5", 18#, HCP-110, STL LINER. (2,859' OAL) CBU, DISPLACED 13.6 WITH 13.0 PPG MUD AT 2.5 BPM FROM 1,000' & 2,000'.
	12:30 13:30	1.00	CASPRD1	24		P	11,815.0	PUMU HES' STANDARD MODEL 5" X 7" VERSAFLEX LINER HANGER. MU 1 STAND DP. INSERTED RH RUBBER. CBU FROM 2,968' AT 2.5 BPM WHILE RD CASING TOOLS.
	13:30 4:00	14.50	CASPRD1	24		P	11,815.0	SIH WITH 5" LINER ON 4" DP. CBU, DISPLACING 13.6 PPG MUD WITH 13.2 PPG MUD AT 2.5 BPM AT 10 STAND INTERVALS. NEAR FULL RETURNS.
	4:00 6:00	2.00	CASINT1	15		P	11,815.0	SPACED OUT AT 11,815' TD. PUMU HES' CEMENT HEAD/SWIVEL/MANIFOLD. C & C 13.2 MUD.
3/27/2015	6:00 7:30	1.50	CASPRD1	15		P	11,815.0	FINISHED C & C 13.2 PPG MUD AT 2.5 BPM. 8,096 MAX TRIP GAS UNITS.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30 9:30	2.00	CASPRD1	25		P	11,815.0	SWITCHED LINE TO CEMENTERS. HES TESTED P & L TO 9,480 PSI. M & P 20 BBLS 13.5 PPG TUNED SPACER III. M & P 225 SKS / 61 BBLS EXPANDACEM PREMIUM CEMENT AT 14.2 PPG WITH 1.52 YIELD. WASHED LINES. DROPPED DP DART. PUMPED 60 BBLS CLA-WEB / ALDACIDE PLUS 80 BBLS 13.2 PPG MUD. BUMPED PLUG WITH 3,000 PSI @ 09:40 HRS, 03/26/2015. BLED BACK 1.5 BBLS, FLOATS HELD. FULL RETURNS.
	9:30 11:00	1.50	CASPRD1	24		P	11,815.0	RUPTURED DISC AT 5,540 PSI. RELEASED BALL. PUMPED 52 BBLS. PRESSURED TO 7,306PSI, EXPANDED HANGER. PULL TESTED LINER WITH 80K OVERPULL. SAT DOWN 70K, RELEASED SETTING TOOL FROM LINER HANGER. LANDED FS AT 11,812', FC AT 11,766', LC AT 11,725', TOL AT 8,952' WITH 143' OF LAP. TOTAL LINER LENGTH: 2,859'. MARKER JT TOPS AT 10,809', 9,808', & 9,387'. DISPLACED CEMENT FROM ANNULUS; HAD 20 BBLS OF TUNED SPACER PLUS 5 BBLS OF CEMENT BACK.
	11:00 13:00	2.00	CASPRD1	31		P	11,815.0	POSITIVE TESTED LINER TOP TO 1,000 PSI FOR >10 MINUTES. DISPLACED MUD FROM DP & ANNULUS WITH 200 BBLS OF FRESH WATER FOLLOWED BY 295 BBLS FRESH WATER WITH 2% CLA-WEB / ALDACIDE WATER.
	13:00 14:30	1.50	CASPRD1	15		P	11,815.0	MONITOR WELL FOR FLOW >15 MINS, WELL STATIC. RD CMT LINES & HEAD.
	14:30 1:30	11.00	CASPRD1	14		P	11,815.0	LAI D DOWN 4" DP TO 3,000'. RIH 30 STANDS FROM DERRICK. LAID DOWN DP & HES' 5" LINER RUNNING TOOL.
	1:30 6:00	4.50	CASPRD1	27		P	11,815.0	ND 11" 10M BOPE.
	6:00 10:30	4.50	CASPRD1	27		P	11,815.0	CLEANED MUD TANKS WHILE ND BOPE & NU 11" 5M X 7-1/16" 10M TBG HEAD. NU FRAC VALVE & NIGHT CAP. TESTED HEAD TO 5,000 PSI FOR >15 MINS. RIG RELEASED 10:30 HRS, 03/27/2015.
3/28/2015	10:30 6:00	19.50	RDMO	02		P	11,815.0	RIGGED DOWN.
3/29/2015	6:00 6:00	24.00	RDMO	02		P	11,815.0	95% RIGGED DOWN. 50% MOVED. RDMO CAMP & TUBULARS TO FLANNERY 3-20C4.

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CENTRAL DIVISION

ALTAMONT FIELD
JENKINS 3-14C4
JENKINS 3-14C4
COMPLETION LAND

Operation Summary Report

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1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	JENKINS 3-14C4		
Project	ALTAMONT FIELD	Site	JENKINS 3-14C4
Rig Name/No.		Event	COMPLETION LAND
Start date	4/2/2015	End date	
Spud Date/Time	3/14/2015	UWI	JENKINS 3-14C4
Active datum	KB @5,944.5ft (above Mean Sea Level)		
Afe No./Description	161644/53600 / JENKINS 3-14C4		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
4/2/2015	6:00 7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIGGING UP RIG. FILLED OUT JSA.
	7:30 9:00	1.50	MIRU	01		P		MIRU SERVICE RIG.
	9:00 10:00	1.00	WOR	16		P		NIPPLED UP BOP AND RU RIG FLOOR.
	10:00 17:30	7.50	WOR	24		P		TALLIED AND PU 4 1/8" MILL, BIT SUB, 90-JTS 2 3/8 L-80, X-OVER AND 270- JTS 2 7/8 L-80. TAGGED 20' OUT JT # 270 @ 11658'. TOO H W/ 3 JTS 2 7/8. EOT @ 11580'. RAN PUMP LINES. CLOSED IN WELL, CLOSED TIW VALVE AND INSTALLED NIGHT CAPS, CLOSED AND LOCKED PIPE RAMS. CLOSED CSG VALVES AND INSTALLED NIGHT CAPS.
4/3/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON OVERHEAD LOADS. FILL OUT & REVIEW JSA
	7:30 12:00	4.50	WOR	10		P		RU POWER SWIVEL. BREAK REVERSE CIRCULATION. CLEAN OUT FROM 11580' TO FC @ 11715' SLM. CONTINUE DISPLACING FLUID IN WELL BORE W/ 4020 BBLS CLEAN 2% KCL WTR
	12:00 17:00	5.00	WOR	24		P		RD POWER SWIVEL. TOO H LAYING DOWN 272 JTS 2-7/8" EUE TBG, X-OVER, 90JTS 2-3/8"EUE TBG, BIT SUB & MILL. ND BOP. NU NIGHT CAP. SDFN
4/4/2015	6:00 7:30	1.50	RDMO	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING DOWN RIG. FILL OUT & REVIEW JSA.
	7:30 8:30	1.00	RDMO	02		P		RD RIG & PUMP LINES.
	8:30 13:30	5.00	WLWORK	18		P		RU WIRELINE UNIT. RUN CBL/CCL/GR LOG FROM PBTD @ 11708' TO 1800' WHILE HOLDING 4000 PSI ON CSG. ESTIMATED CMT TOP IS @ 2120'. RD WIRELINE UNIT. SDFN
4/10/2015	6:00 6:30	0.50	MIRU	28		P		TGSM & JSA (NU & TESTING PROCEDURES)
	6:30 15:30	9.00	MIRU	16		P		NU STACK, TEST CASING TO 9K FOR 30 MINUTES, GOOD TEST, TEST STACK TO 9K FOR 15 MINUTES. TEST FLOW BACK LINES TO 7K. SWI. RU TRANSFER LINES.
4/11/2015	6:00 7:30	1.50	STG01	28		P		CT TGSM & JSA (WIRELINE OPERATIONS)
	7:30 11:30	4.00	STG01	21		P		MIRU CUTTERS WIRE LINE, RIG UP. PERFORATE STAGE 1. 11,370' TO 9,153'. 23 NET FT, 69 HOLES, WITH 2 3/4" TITAN PERFECTA SDP, 16 GM CHARGES, 3 SPF AND 120° PHASING. HOLDING 1000 PSIG SURFACE PRESSURE. W/ NO CHANGES.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	11:30 18:30	7.00	MIRU	01		P		SPOT IN BOSQUE CIO2 UNIT, TRANSFER WATER FROM STAGING AREA TO FRAC LINE.
4/12/2015	6:00 6:00	24.00	MIRU	18		P		PREP FOR FRAC
4/13/2015	6:00 6:00	24.00	MIRU	01		P		PREP FOR FRAC
4/14/2015	6:00 9:00	3.00	STG01	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; FRAC OPERATIONS...FINISH RIGGING UP
	9:00 9:30	0.50	STG01	35		P		HSM UP DATE JSA TOPIC; FRAC OPERATIONS
	9:30 11:15	1.75	STG01	35		P		STAGE 1; PRESSURE TEST LINES TO 9500 PSI. OPEN WELL. SICP 920 PSI. BREAK DOWN STAGE 1 PERFORATIONS 11668'-11370' ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 4570 PSI. F.G. .83...5 MINUTE 4542 PSI. 10 MINUTE 4520 PSI. 15 MINUTE 4520 PSI. TREAT STAGE 1... AS PER PROCEDURE W/ 5000 GAL 15% HCL ACID FLUSH PAD 0.5# 100M SWEEP .5# RC 30/50 1# RC 30/50 2# RC 30/50 3# RC 30/50 STG FLUSH TO TOP PERF...ISDP 4711 PSI. AVG RATE 74 BPM. AVG PSI 5867 PSI. MAX PSI 7634 PSI. TTL RC 30/50 153024# TURN OVER TO WIRELINE
	11:15 13:03	1.80	STG02	21		P		STAGE 2; SET COMPOSITE FRAC PLUG AT 11335' PRESSURE ON WELL 4700 PSI PERFORATE STAGE 2 PERFORATIONS 11320' TO 11021', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 4300 PSI
	13:03 14:30	1.45	STG02	35		P		STAGE 2; PRESSURE TEST LINES TO 9500 PSI. OPEN WELL. SICP 4320 PSI. BREAK DOWN STAGE 2 PERFORATIONS 11320'-11021' ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 4363 PSI. F.G. .82...5 MINUTE 4368 PSI. 10 MINUTE 4368 PSI. 15 MINUTE 4368 PSI. TREAT STAGE 2... PUMP 5000 GAL 15% HCL ACID FLUSH PAD 0.5# 100M SWEEP .5# RC 30/50 1# RC 30/50 2# RC 30/50 START 3# RC 30/50 BRAKER PLUG OFF IN HOSE STG FLUSH TO TOP PERF...ISDP 4237 PSI. AVG RATE 75.5 BPM. AVG PSI 5719 PSI. MAX PSI 5949 PSI. TTL RC 30/50 104502# SHORT 48000# ON 3# STG TURN OVER TO WIRELINE
	14:30 15:41	1.18	STG03	21		P		STAGE 3; SET COMPOSITE FRAC PLUG AT 11001' PRESSURE ON WELL 4600 PSI PERFORATE STAGE 3 PERFORATIONS 10986' TO 10694', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 4600 PSI
	15:41 17:00	1.32	STG03	35		P		STAGE 3; PRESSURE TEST LINES TO 9500 PSI. OPEN WELL. SICP 4600 PSI. BREAK DOWN STAGE 3 PERFORATIONS 10986'-10694' AT 4613 PSI ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 4618 PSI. F.G. .86...5 MINUTE 4541 PSI. 10 MINUTE 4541 PSI. 15 MINUTE 4541 PSI. TREAT STAGE 3... AS PER PROCEDURE W/ 5000 GAL 15% HCL ACID FLUSH PAD 0.5# 100M SWEEP .5# RC 30/50 1# RC 30/50 2# RC 30/50 3# RC 30/50 STG FLUSH TO TOP PERF...ISDP 4699 PSI. AVG RATE 75 BPM. AVG PSI 5633 PSI. MAX PSI 7110 PSI. TTL RC 30/50 154162# TURN OVER TO WIRELINE
	17:00 20:00	3.00	STG04	21		P		STAGE 4; ATTEMPT TO SET COMPOSITE FRAC PLUG AT 10654' PRESSURE ON WELL 4600 PSI PLUG SOFT SET WORK TO FREE PLUG FAILED PERFORATE 1ST SHOT TO HELP FREE PLUG FAILED PULL OUT OF ROPE SOCKET (PLUG AT 10654' TOP OF FISH 10607' OVER ALL OF GUN IS 47')
	20:00 21:30	1.50	WLWORK	52		N		UP DATE JSA TOPIC; TOH w WIRELINE...TOH w WIRELINE SECURE WELL CLOSED 7" MASTER VALVE & 2-5" HCR L/D LUBRICATOR
	21:30 22:50	1.33	BL	52		N		UP DATE JSA TOPIC; RIGGING DOWN...RDMO WIRELINE R/D HALLIBURTON'S TMV AND CRANE TRUCK
	22:50 1:02	2.20	BL	52		N		MIRU BRAIDED LINE TRUCK P/U LUBRICATOR

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	1:02 3:45	2.72	BL	52		N		OPEN WELL 4500 PSI TIH w FISH ASSEMBLY 2 3/4" WT BAR SPANG 2 3/4" JAR 2.85 X 1' OS JDC DRESSED w 1 7/16" TIH TAG LINER TOP 23' DEEP AT 8972' BLMD (LINER TOP 8949') TAG AT 10596' UNABLE TO GET TO FISH TOH w ASSEMBLY SAND IN OS
	3:45 6:00	2.25	BL	52		N		FLOW BACK WELL OPEN 4500 PSI ON A 14/64 CHOKE BUMP CHOKE 400 PSI ON A 16/64 CHOKE
4/15/2015	6:00 7:00	1.00	BL	28		N		UPDATE JSA TOPIC; FLOWING BACK WELL...CONTINUE FLOWING BACK WELL 4000 PSI ON A 16/64 CHOKE FLOW BACK 500 BBLS SHUT WELL IN
	7:00 11:30	4.50	BL	52		N		HSM UPDATE JSA TOPIC; BRAIDED LINE OPERATIONS... OPEN WELL 4400 PSI TIH w FISH ASSEMBLY 2 3/4" WT BAR SPANG 2 3/4" JAR 2.85 X 1' OS JDC DRESSED w 1 7/16" TIH TAG LINER TOP 23' DEEP AT 8972' BLMD (LINER TOP 8949') TAG FISH TOP AT 10626' ENGAGE FISH RECOVER FISH TOH L/D FISH RDMO BRAIDED LINE
	11:30 17:30	6.00	STG04	21		P		HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATION MIRU WIRELINE P/U 3.95" GAUGE RING TIH TAG AT 10501' TOH ABOVE LINER TOP ATTEMPT TO FLUSH WELL w HALLIBURTON FAILED PRESSURED UP TOH L/D GAUGE RING SECURE WELL CLOSE TOP HCR VALVE AND LOCK CLOSE NIGHT CAP WIRELINE FLANGE FLOW BACK WELL TO FLOW BACK TANK OPEN WELL ON 18/64 CHOKE 4400 PSI TURN WELL OVER TO FLOW BACK
	17:30 6:00	12.50	FB	17		P		FLOW BACK 1700 BBLS OF WATER SHUT WELL IN CSIP 4300 PSI
4/16/2015	6:00 7:00	1.00	STG04	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS AND WIND
	7:00 15:47	8.78	STG04	27		N		CHECK WIND GAUGE WIND AT 20-34 MPH WAIT ON WIND TO SUBSIDE FLOW BACK WELL
	15:47 17:30	1.72	STG04	21		P		HSM UPDATE JSA TOPIC; WIRELINE OPERATIONS...R/U WIRELINE TIH w 3.95 GAUGE RING TO 10628' TOH L/D GAUGE RING
	17:30 19:22	1.87	STG04	21		P		P/U TIH w 5" CBP AND SETTING TOOL w 2 WT BARS TIH SET CBP AT 10628' TOH L/D SETTING TOOL
	19:22 21:17	1.92	STG04	21		P		HSM UPDATE JSA TOPIC; FRAC OPERATIONS...OPEN PRESSURE 3500 PSI P/U 2 3/4" GUN TIH PRESSURE WELL UP TO 4600 PSI PERFORATE 10614'-10350' AFTER TALKING w PETER SCHMELTS TOH L/D GUN ENDING PRESSURE 4000 PSI
	21:17 22:24	1.12	STG04	35		P		HSM WRITE AND REVIEW JSA TOPIC; FRAC OPERATIONS... STAGE 4; PRESSURE TEST LINES TO 9500 PSI. OPEN WELL. SICP 3790 PSI. BREAK DOWN STAGE 4 PERFORATIONS 10614'-10350' 3793 PSI ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 4616 PSI. F.G. .87...5 MINUTE 4545 PSI. 10 MINUTE 4545 PSI. 15 MINUTE 4545 PSI. TREAT STAGE 4... AS PER PROCEDURE W/ 5000 GAL 15% HCL ACID FLUSH PAD 0.5# 100M SWEEP .5# RC 30/50 1# RC 30/50 2# RC 30/50 3# RC 30/50 STG FLUSH TO TOP PERF...ISDP 4781 PSI. AVG RATE 75 BPM. AVG PSI 5834 PSI. MAX PSI 6580 PSI. TTL RC 30/50 125854#...26600# SHOT TURN OVER TO WIRELINE
	22:24 0:30	2.10	STG05	21		P		HSM UPDATE JSA TOPIC; WIRELINE OPERATIONS...STAGE 5; SET COMPOSITE FRAC PLUG AT 10332' PRESSURE ON WELL 4400 PSI PERFORATE STAGE 5 PERFORATIONS 10317' TO 10038', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 4400 PSI TOH L/D GUN SECURE WELL SHUT 7" MASTER VALVE 5" HCR FLOW CROSS VALVES TOP 5" HCR w NIGHT CAP SDFN

4/17/2015

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	6:00 10:00	4.00	STG05	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; FRAC OPERATIONS...START AND PRIME PUMPS
	10:00 11:30	1.50	STG05	35		P		HSM WRITE AND REVIEW JSA TOPIC; FRAC OPERATIONS... STAGE 5; PRESSURE TEST LINES TO 9446 PSI. OPEN WELL. SICP 3863 PSI. BREAK DOWN STAGE 5 PERFORATIONS 10614'-10350' 4200 PSI ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 4246 PSI. F.G. .82...5 MINUTE 4106 PSI. 10 MINUTE 4034 PSI. 15 MINUTE 4034 PSI. TREAT STAGE 5... AS PER PROCEDURE W/ 5000 GAL 15% HCL ACID FLUSH PAD 0.5# 100M SWEEP .5# RC 30/50 1# RC 30/50 2# RC 30/50 3# RC 30/50 STG FLUSH TO TOP PERF...ISDP 4493 PSI. AVG RATE 74 BPM. AVG PSI 5498 PSI. MAX PSI 6612 PSI. TTL RC 30/50 152866# TURN OVER TO WIRELINE
	11:30 13:00	1.50	STG06	21		P		HSM UPDATE JSA TOPIC; WIRELINE OPERATIONS...STAGE 6; SET COMPOSITE FRAC PLUG AT 10332' PRESSURE ON WELL 4000 PSI PERFORATE STAGE 6 PERFORATIONS 9995' TO 9760', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 4000 PSI TOH L/D GUN
	13:00 14:18	1.30	STG06	35		P		HSM WRITE AND REVIEW JSA TOPIC; FRAC OPERATIONS... STAGE 6; PRESSURE TEST LINES TO 9400 PSI. OPEN WELL. SICP 3754 PSI. BREAK DOWN STAGE PERFORATIONS 9995' TO 9760' 4100 PSI ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 3861 PSI. F.G. .79...5 MINUTE 3711 PSI. 10 MINUTE 3711 PSI. 15 MINUTE 3711 PSI. TREAT STAGE 6... AS PER PROCEDURE W/ 5000 GAL 15% HCL ACID FLUSH PAD 0.5# 100M SWEEP .5# RC 30/50 1# RC 30/50 2# RC 30/50 3# RC 30/50 STG FLUSH TO TOP PERF...ISDP 4279 PSI. AVG RATE 75 BPM. AVG PSI 5086 PSI. MAX PSI 6124 PSI. TTL RC 30/50 152867# TURN OVER TO WIRELINE
	14:18 15:30	1.20	STG07	21		P		HSM UPDATE JSA TOPIC; WIRELINE OPERATIONS...STAGE 7; SET COMPOSITE FRAC PLUG AT 9742' PRESSURE ON WELL 3700 PSI PERFORATE STAGE 7 PERFORATIONS 9727' TO 9456', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 3500 PSI TOH L/D GUN
	15:30 17:30	2.00	STG07	35		P		HSM WRITE AND REVIEW JSA TOPIC; FRAC OPERATIONS... STAGE 7; PRESSURE TEST LINES TO 9400 PSI. OPEN WELL. SICP 3300 PSI. BREAK DOWN STAGE PERFORATIONS 9727' TO 9456' 3600 PSI ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 3514 PSI. F.G. .76...5 MINUTE 3365 PSI. 10 MINUTE 3314 PSI. 15 MINUTE 3286 PSI. TREAT STAGE 7... AS PER PROCEDURE W/ 5000 GAL 15% HCL ACID FLUSH PAD 0.5# 100M SWEEP .5# RC 30/50 1# RC 30/50 2# RC 30/50 3# RC 30/50 STG FLUSH TO TOP PERF...ISDP 4174 PSI. AVG RATE 75 BPM. AVG PSI 4859 PSI. MAX PSI 5746 PSI. TTL RC 30/50 152852# TURN OVER TO WIRELINE
	17:30 18:34	1.07	STG08	21		P		HSM UPDATE JSA TOPIC; WIRELINE OPERATIONS...STAGE 8; SET COMPOSITE FRAC PLUG AT 9402' PRESSURE ON WELL 3600 PSI PERFORATE STAGE 8 PERFORATIONS 9387' TO 9153', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 3400 PSI TOH L/D GUN

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	18:34 20:30	1.93	STG08	35		P		HSM WRITE AND REVIEW JSA TOPIC; FRAC OPERATIONS... STAGE 8; PRESSURE TEST LINES TO 9600 PSI. OPEN WELL. SICP 3180 PSI. BREAK DOWN STAGE PERFORATIONS 9387' TO 9153' 3628 PSI ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 3468 PSI. F.G. .81...5 MINUTE 3434 PSI. 10 MINUTE 3332 PSI. 15 MINUTE 3332 PSI. TREAT STAGE 8... AS PER PROCEDURE W/ 5000 GAL 15% HCL ACID FLUSH PAD 0.5# 100M SWEEP .5# RC 30/50 1# RC 30/50 2# RC 30/50 PUMP 16000 # OF 3# RC 30/50 SCREENED OUT STG FLUSHED 69BBLs LOCKED UP...ISDP 9006 PSI. AVG RATE 54 BPM. AVG PSI 5118 PSI. MAX PSI 9006 PSI. TTL RC 30/50 136633# SECURE WELL SHUT 7" MASTER VALVE 5" HCR VALVES AND LOCK 7" FLOW CROSS VALVES 9 5/8" VALVES NIGHT ON GOATS HEAD
	20:30 0:00	3.50	RDMO	02		P		RDMO HALLIBURTON FRAC EQUIPMENT
	0:00 2:00	2.00	MIRU	01		P		MOVE IN PARTIALLY RIG UP COIL TBG
4/18/2015	6:00 9:30	3.50	CTU	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; COIL TBG OPERATIONS...FINISH RIGGING UP FLUSH REAL w 60 BBLs OF 2% KCL WATER TO FLOW BACK TANK MAKE UP TOOLS TEST LUBRICATOR AND BOPE'S 7500 PSI TEST GOOD
	9:30 18:00	8.50	CTU	39		P		OPEN WELL 3700 PSI TIH w COIL TBG C/O SAND DRILL CBP'S C/O TO PBTD AT 11707' CTMD CIRC WELL CLEAN
	18:00 20:43	2.72	CTU	39		P		TOH w COIL TBG
	20:43 23:00	2.28	RDMO	02		P		HSM UP DATE JSA TOPIC; RIGGING DOWN...BLOW DRY COIL TBG REAL RDMO
	23:00 6:00	7.00	FB	17		P		TURN WELL OVER TO FLOW BACK OPEN WELL 3200 PSI ON A 12/64 CHOCK FLOW BACK 392 BBLs OF WATER 3000 PSI
4/19/2015	6:00 6:00	24.00	FB	17		P		FLOW BACK WELL 1255 BBLs OF WATER 0 BBLs OF OIL 0 GAS 2850 PSI ON A 12/64 CHOCK
4/20/2015	6:00 6:00	24.00	FB	17		P		FLOW BACK WELL 876 BBLs OF WATER 93 BBLs OF OIL 70 MCFD GAS 2850 PSI ON A 12/64 CHOCK
4/21/2015	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS
	7:00 13:00	6.00	WLWORK	27		P		MIRU WIRELINE OPEN WELL 2800 PSI UNABLE TO GET GAUGE RING TO FALL L/D ADD WT BAR PUMP 20BBLs OF HOT 2% KCL WATER TIH w 3.95 GAUGE RING TO 9067' TOH L/D GAUGE RING P/U TIH w 5" WIRELINE SET PKR w PUMP OUT AND PLUG CATCHER SET AT 9045' TOH RDMO WIRELINE
	13:00 14:15	1.25	WHDTRE	16		P		HSM UPDATE JSA TOPIC; N/D FRAC STACK...N/D FRAC STACK TO 7" MASTER VALVE N/U 5K BOPE
	14:15 15:20	1.08	MIRU	01		P		HSM UPDATE JSA TOPIC; RIGGING UP...MIRU
	15:20 18:00	2.67	WOR	39		P		P/U ON/OFF TOOL TALLY AND P/U 5 JTS OF 2 3/8" TBG TALLY AND P/U 187 JTS OF 2 7/8" TBG EOT 6233'
4/22/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TBG...FLOW BACK 1255 BBLs OF WATER 2850 PSI 12/64 CHOKE
	7:00 9:53	2.88	WOR	39		P		CSIP 50 PSI TSIP 50 PSI BLEED WELL OFF PUMP 5 BBLs OF 2% KCL WATER DOWN ANNULAS CONTINUE TIH w 86 JTS OF 2 7/8" TBG
	9:53 12:29	2.60	WOR	06		P		HSM UPDATE JSA...SPACE OUT 5" PKR w 10' 8' 6' 4' 2' (30') TBG SUBS CIRC PKR FLUID
	12:29 15:00	2.52	WOR	16		P		LAND TBG 18K TENSION N/D BOPE N/D 7" MASTER VALVE N/U WELL HEAD TEST CSG AND LINE TO FACILITIES PUMP OUT PLUG AT 4700 PSI OPEN WELL 2700 PSI ON 12/64 CHOKE
	15:00 15:30	0.50	RDMO	02		P		HSM UPDATE JSA...RDMO TURN WELL OVER TO FLOW BACK OPEN WELL 2700 PSI ON 12/64 CHOKE

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	15:30 6:00	14.50	FB	17		P		FLOW BACK WELL 187 BBLS OF OIL 70 MCFD 642 BBLS OF WATER 2800 PSI ON 14/64 CHOKE
4/23/2015	6:00 7:00	1.00	FB	17		P		FLOW BACK WELL 187 BBLS OF OIL 70 MCFD GAS 642 BBLS OF WATER 2800 PSI ON A 14/64 CHOCK
4/24/2015	6:00 7:00	1.00	FB	17		P		FLOW BACK WELL 595 BBLS OF OIL 364 MCFD GAS 843 BBLS OF WATER 2600 PSI ON A 14/64 CHOCK TRANSFER 103 BBLS OF OIL FROM FLOW BACK TANK
4/25/2015	6:00 7:00	1.00	FB	17		P		FLOW BACK WELL 472 BBLS OF OIL 378 MCFD GAS 733 BBLS OF WATER 2500 PSI ON A 14/64 CHOCK

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		8. WELL NAME and NUMBER: Jenkins 3-14C4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2351 FSL 1576 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 03.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013532530000
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/2/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Routine"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. While performing routine ops, acidize with 220 gals 15% HCL. See attached for details.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 19, 2016		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 1/13/2016	

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	JENKINS 3-14C4		
Project	ALTAMONT FIELD	Site	JENKINS 3-14C4
Rig Name/No.	NABORS DRILLING/1446	Event	WORKOVER LAND
Start date	11/30/2015	End date	12/3/2015
Spud Date/Time	3/14/2015	UWI	JENKINS 3-14C4
Active datum	KB @5,944.5ft (above Mean Sea Level)		
Afe No./Description	165963/55797 / JENKINS 3-14C4		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
11/30/2015	12:30 14:30	2.00	PRDHEQ	18		P		MOVE RIG TO LOC, SLIDE ROTA FLEX BACK, MIRU RIG, UNSEAT PUMP
	14:30 15:30	1.00	PMPNG	24		P		R/U HOT OILER, FLUSH RODS W/ 60 BBLs 2% KCL
	15:30 18:00	2.50	PRDHEQ	42		P		POOH 98-1", 85-7/8" RODS, L/D 23-7/8" & 3-3/4" FOR WEAR, POOH 120-3/4" RODS, L/D 2 1/2" X 1 3/4" X 38' HF PUMP, FLUSH RODS AS NEED POOH, WEAE AREA 3800'-4375', SECURE WELL, SFDN.
12/1/2015	6:00 7:00	1.00	PRDHEQ	46		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) SCANNING TBG
	7:00 9:45	2.75	PRDHEQ	18		P		bled off well, N/D B-FLANGE, N/U 5K BOPS, R/U WORK FLOOR & TONGS, RELEASE 7" TAC
	9:45 13:45	4.00	PRDHEQ	18		P		POOH SCANNING TBG W/ 269 JTS 2 7/8", 7" TAC, 4 JTS 2 7/8" TBG, R/D SCANNERS, L/D 4' SUB, PSN, 2' SUB, 5 1/2" PBGA, 2 JTS 2 7/8" & 5 3/4" SOLID NO/GO.
	13:45 15:00	1.25	ELINE	18		P		R/U WIRELINE TRUCK, RIH W/ 1- 11/16 SINKER BAR, TAG FILL @ 11,708', BTM PERF @ 11,668', PBTD @ 11,711', POOH, RDMO
	15:00 18:00	3.00	PRDHEQ	18		P		P/U BHA, 5 3/4" SOLID NO/GO, 2 JTS 2 7/8", 5 1/2" PBGA, 2' X 2 7/8" SUB, PSN, 4' X 2 7/8" SUB, R/U HYDRO TESTER, RIH TESTING TBG TO 8500 PSI W/ 4 JTS 2 7/8", 7" TAC (KLX), 44 JTS 2 7/8" TBG, EOT @ 1576', R/D TESTER, SECURE WELL, SDFN.
12/2/2015	6:00 7:00	1.00	PRDHEQ	46		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) BOP EQUIPMENT
	7:00 16:00	9.00	PRDHEQ	18		P		bled off well, R/U HYDRO TESTER, CONTINUE RIH TESTING W/ 50 JTS 2 7/8" YB TBG, R/D TESTER, X-O TO 3 1/2", P/U 100 JTS 3 1/2" LINED TBG, X-O TO 2 7/8", R/U TESTER, FINISH RIH TESTING 75 JTS 2 7/8" YB TBG, R/D TESTER. BLEW UP 1 JT 2 7/8" YB.
	16:00 18:00	2.00	PRDHEQ	18		P		SET 7" TAC, R/D WORK FLOOR & TONGS, N/D BOPS, N/U B-FLANGE W/ 60' CAP TUBE, SECURE WELL, SDFN.
12/3/2015	6:00 7:00	1.00	PRDHEQ	46		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) HOISTING APPARATUS

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:00 11:00	4.00	PRDHEQ	42		P		P/U & PRIME 2 1/2" X 1 3/4" X 38' HF PUMP, RIH W/ PUMP, 16-1 1/2" W.B., 118-3/4", P/U 8 NEW 3/4", RUN 85-7/8", P/U 24 NEW 7/8", 98-1" RODS, SPACE OUT 2' X 1" PONY SUBS, P/U POLISH ROD,
	11:00 12:00	1.00	PMPNG	10		P		MIRU PUMP TRUCK, REVIEW JSA, PUMP CHEMICAL / ACID, CLEAN UP JOB, 1 DRUM MUTUAL SOL., 2 BBLS 2% KCL, 220 GALS OF ACID (15% HCL), 2 BBLS 2%, 25 GALS H2S SCAVENGER, 2 BBLS 2%, 15 GALS CORROSION INHIBITOR, FLUSH W/ 30 BBLS 2% KCL.
	12:00 12:30	0.50	PMPNG	34	SEA	P		SEAT PUMP, FILL TBG W/ 10 BBL S 2% KCL, STROKE TEST TO 1000 PSI, FLUSH FLOW LINE W/ 20 BBLS
	12:30 14:00	1.50	PRDHEQ	18		P		RDMO RIG, SLIDE IN ROTA FLEX, HANG OFF RODS, TWOTO